

20020813.qrp v02_n646.qrl.20020813

Date: Tue, 13 Aug 2002 19:03:05 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2646

QRP-L Digest 2646

Topics covered in this issue include:

- 1) [132214] Mid 70's Callbook Listing Needed
by "Mike Duke, K5XU" <k5xu@netdoor.com>
- 2) [132215] Re: QRM
by Pete Burbank <plburbank@kih.net>
- 3) [132216] Re: motorboating
by K5BDZ@aol.com
- 4) [132217] RE: Smith Chart for Dummy's : punctuation for dummies
by Nick Kennedy <nkennedy@tcainternet.com>
- 5) [132218] Re: OT VE license Information
by "Karl F. Larsen" <k5di@zianet.com>
- 6) [132219] Re: OT VE license Information
by "Mike Yetsko" <myetsko@insydesw.com>
- 7) [132220] Fw: [ndblist] Fw: New MagLoop-Forum online
by William R Colbert <w5xe@juno.com>
- 8) [132221] NAND Gate Mixer
by Steven Weber <kd1jv@moose.ncia.net>
- 9) [132222] Question - keys mobile
by "Charles Mabbott" <aa8vs@msn.com>
- 10) [132223] Re: Crystals
by JD Delancy <W1JD@drix.net>
- 11) [132224] Re: Smith Chart for Dummy's : punctuation for dummies
by "Donald Dorn" <DDORN@cwis.net>
- 12) [132225] HW-9 System Available
by w4bld@juno.com
- 13) [132226] Re: LED Lights for QRP field ops
by "Lee Mairs" <lmairs@cox.net>
- 14) [132227] FS: SW40 + Loaded
by "N3BJ" <N3BJ@hotmail.com>
- 15) [132228] Key question - mobile
by "Charles Mabbott" <aa8vs@msn.com>
- 16) [132229] RE: Smith Chart for Dummy's : punctuation for dummies
by "Karl F. Larsen" <k5di@zianet.com>
- 17) [132230] Re: Key question - mobile
by Hank Kohl K8DD <k8dd@arrl.net>
- 18) [132231] The moving sale continues...
by "Hudson, Steve (RBI-US CMD)" <sdhudson@reedbusiness.com>
- 19) [132232] Rock Mites & Meteorites Tonite

- by "ss lyon" <sslyon@megalink.net>
- 20) [132233] more, going for a new rig sale
by "The Whites" <lwnphx@peoplepc.com>
- 21) [132234] Re: Key question - mobile
by "John J. McDonough" <wb8rcr@arrl.net>
- 22) [132235] Re: Smith Chart for Dummy's : punctuation for dummies
by William R Colbert <w5xe@juno.com>
- 23) [132236] Rock Mite tonite...
by "ss lyon" <sslyon@megalink.net>
- 24) [132237] Re: Rock Mite tonite...and in the future.
by Jim Larsen - AL7FS <AL7FS@arrl.net>
- 25) [132238] Mi Te Box Info, question
by "Doug Hauff" <dhauff@digitalputty.com>
- 26) [132239] RE: Rock Mite tonite...
by "Doc Lindsey K0EVZ" <dock0evz@earthlink.net>
- 27) [132240] QRP and Discourged
by Wayne AA5JJ <aa5jj@yahoo.com>
- 28) [132241] Re: DK9SQ mast repair question
by Ade Weiss W0RSP <adeweiss@sd.value.net>
- 29) [132242] So You Want to be a Builder, Huh? Part 4
by "Doug Hendricks" <ki6ds@dospalos.org>
- 30) [132243] Re: LED Lights for QRP field ops
by "Dennis Ponsness" <wb0wao@hotmail.com>
- 31) [132244] Re: QRP and Discourged
by "George, W5YR" <w5yr@att.net>
- 32) [132245] Conjugate{al} Match Critical to Success -- final word
by Ade Weiss W0RSP <adeweiss@sd.value.net>
- 33) [132246] Re: QRP and Discourged
by "Richard Brummer, K2JQ" <k2jq@rcn.com>
- 34) [132247] Re: Rock Mite tonite...
by "Doug Hendricks" <ki6ds@dospalos.org>
- 35) [132248] VXO Contest Question
by "Dennis Ponsness" <wb0wao@hotmail.com>
- 36) [132249] Re: LED Lights for QRP field ops
by Timothy-Allen Albertson-KG6IRH <kg6irh@pacbell.net>
- 37) [132250] Re: LED Lights for QRP field ops
by "Leon Heller" <leon_heller@hotmail.com>
- 38) [132251] hb - QRP Homebuilder site
by "Hap, WA3PTG" <wa3ptg@comcast.net>
- 39) [132252] Re: QRP and Discourged
by Bill ROWLETT <kc4atu@yahoo.com>
- 40) [132253] Re: Walmart LED Lights
by "Karl F. Larsen" <k5di@zianet.com>
- 41) [132254] Re: Conjugate{al} Match Critical to Success -- final word
by "Terres Family" <terresfm@ncia.net>
- 42) [132255] Rock Mite Tonight
by Jim Cluett <w1pid@yahoo.com>
- 43) [132256] Re: Conjugate{al} Match Critical to Success -- final word

by W2EB <w2eb@twcnny.rr.com>

44) [132257] Re: QRP and Discourged
by "Karl F. Larsen" <k5di@zianet.com>

45) [132258] RE: punctuation for dummies
by W2AGN <w2agn@w2agn.net>

46) [132259] Re: Rock Mite Tonight
by wb0wao@hotmail.com (Dennis Ponsness)

47) [132260] digest comments
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>

48) [132261] Re: QRP - GPS redux
by Bruce Grubbs <mail@brucegrubbs.com>

49) [132262] Re: QRP and Discourged
by "Rod N0RC" <rod@n0rc.us>

50) [132263] Re: PSK31 software with high res waterfall
by Alex <kr1st@amsat.org>

51) [132264] Tuner for K1?
by "John Huffman" <hjohnc@core.com>

52) [132265] Tonight, Tuesday the NEQRP SSB NET returns on 7.286Mhz +- 5Khz at
7:30PM
EDST
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>

53) [132266] Re: ROCK MITE: Bottom Line
by "ss lyon" <sslyon@megalink.net>

54) [132267] Re: NAND Gate Mixer
by Chris Trask <ctrask@primenet.com>

55) [132268] Re: Tuner for K1?
by "w8diz" <w8diz@fpqrp.com>

56) [132269] Re: LED Lights for QRP field ops
by Steven Weber <kd1jv@moose.ncia.net>

57) [132270] Re: Tuner for K1?
by "Mike WA8BXN" <hubby2k@hotmail.com>

58) [132271] Re: Tuner for K1?
by "Mike Yetsko" <myetsko@insydesw.com>

59) [132272] Wanted: Wavetek 164
by "Craig A. Ferris" <cferris@aeronix.com>

60) [132273] Re: Tuner for K1?
by <igeq100@iupui.edu>

61) [132274] OT RE: Smith Chart for Dummy's : punctuation for dummies
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>

62) [132275] Re: OT RE: Smith Chart for Dummy's : punctuation for dummies
by David Hinerman <WD8CIV@worldnet.att.net>

63) [132276] Re: Tuner for K1?
by "tmyers" <tmyers@academicplanet.com>

64) [132277] Re: Rock Mite Tonight
by Bruce Rattray <rattray@gpfn.sk.ca>

65) [132278] Re: QRP and Discourged
by "Karl F. Larsen" <k5di@zianet.com>

66) [132279] Re: QRP and Discourged

by "blinn" <blinn@smgazette.com>

67) [132280] OT Spelling and punctuation and grammer
by "Karl F. Larsen" <k5di@zianet.com>

68) [132281] Re: [Re: QRP and Discourged]
by Rod N0RC <rod@n0rc.us>

69) [132282] Re:%20QRP%20and%20Discourged
by Jspiker@aol.com

70) [132283] RE: Speling Chequers
by Karl Kanalz <kkanalz@gcecisp.com>

71) [132284] P\$K31 software
by Alex <kr1st@amsat.org>

72) [132285] Re: Speling Chequers
by "Ian Wilson" <ianmwilson@earthlink.net>

73) [132286] Mi Te Box, more info + Question!
by "Doug Hauff" <dhauff@digitalputty.com>

74) [132287] Re: OT Spelling and punctuation and grammer
by David Hinerman <WD8CIV@worldnet.att.net>

75) [132288] Porta-Paddle price & shipping
by "Doug Hauff" <dhauff@digitalputty.com>

76) [132289] QRP and discouraged ***NOT ANY MORE***
by Wayne AA5JJ <aa5jj@yahoo.com>

77) [132290] Re: Speling Chequers
by W2AGN <w2agn@w2agn.net>

78) [132291] Re: QRP and Discourged
by W2AGN <w2agn@w2agn.net>

79) [132292] OT: Hams in the News
by "Brad Hernlem" <alihernlem@hotmail.com>

80) [132293] Re: Speling Chequers
by "Ian Wilson" <ianmwilson@earthlink.net>

81) [132294] Mobile Antenna Problems
by "Robin Kidd" <robink@us.ibm.com>

82) [132295] Re: Mobile Antenna Problems
by "Karl F. Larsen" <k5di@zianet.com>

83) [132296] Re: QRP and Discourged
by na5n@zianet.com

84) [132297] Re:PC Based RF Spectrum Analyzer???
by Wa4aos@aol.com

85) [132298] Rock Mite tonite?
by "ss lyon" <sslyon@megalink.net>

86) [132299] Micro fuel cells are said to offer energy densities of 1,000 watt-hour per kilogram...
by Thomas Jennings <jennings@eznet.net>

87) [132300] Any one around ?
by Wayne AA5JJ <aa5jj@yahoo.com>

88) [132301] Re: OT Spelling and punctuation and grammer
by "Karl F. Larsen" <k5di@zianet.com>

89) [132302] old National Semi databook
by David Hinerman <WD8CIV@worldnet.att.net>

- 90) [132303] Re: 88 foot dipole >?<
by "George, W5YR" <w5yr@att.net>
- 91) [132304] Re: QRP and Discourged
by "ss lyon" <sslyon@megalink.net>
- 92) [132305] Re: Question - keys mobile
by Chris Cartwright <ccart@phideaux.com>
- 93) [132306] tokyo hi-power manual for HC-100?
by "johngabbard" <johngabbard@usintouch.com>
- 94) [132307] Fuel cells march > mainstream: 6X - 9X energy density of Li
batt
by Ed Tanton <n4xy@earthlink.net>
- 95) [132308] Re: Mobile Antenna Problems
by "George, W5YR" <w5yr@att.net>
- 96) [132309] Re: Mobile Antenna Problems
by "Dave Benson" <nn1g@earthlink.net>
- 97) [132310] Re: OT Spelling
by Jim Larsen - AL7FS <AL7FS@arrl.net>
- 98) [132311] OT: Radio History in Stamps!
by Kenneth Hoglund <hoglund@wfu.edu>
- 99) [132312] Re: OT RE: Smith Chart for Dummy's : punctuation for dummies
by "George, W5YR" <w5yr@att.net>
- 100) [132313] Re: QRP and Discourged
by "Lee Mairs" <lmairs@cox.net>
- 101) [132314] WTB: Rainbow Tuner
by "Mike Currie - K7AZZ" <K7AZZ@arrl.net>
- 102) [132315] Apology
by "Karl F. Larsen" <k5di@zianet.com>
- 103) [132316] Re:PC Based RF Spectrum Analyzer???
- by "Leon Heller" <leon_heller@hotmail.com>
- 104) [132317] Re:PC Based RF Spectrum Analyzer???
- by "Leon Heller" <leon_heller@hotmail.com>
- 105) [132318] Re: OT Spelling and punctuation and grammer
by "blinn" <blinn@smgazette.com>
- 106) [132319] Re: QRP and Discourged
by W2AGN <w2agn@w2agn.net>
- 107) [132320] Re: old National Semi databook
by David Hinerman <WD8CIV@worldnet.att.net>
- 108) [132321] NorCal 30 to debut at QRPacificon
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 109) [132322] Re: QRP and Discourged
by "Karl F. Larsen" <k5di@zianet.com>
- 110) [132323] Hand-crank power for QRP
by "Bert Herald" <wf7i@hotmail.com>
- 111) [132324] Re: Hand-crank power for QRP
by "Randy Randall" <RANDALLR@healthall.com>
- 112) [132325] Re: LED Lights for QRP field ops
by "Steve Lawrence" <Steve.Lawrence@itwfeg.com>
- 113) [132326] Re:PC Based RF Spectrum Analyzer???

by "Ian Wilson" <ianmwilson@earthlink.net>
114) [132327] Re: old National Semi databook
by "n2cx" <n2cx@voicenet.com>
115) [132328] RE: Hand-crank power for QRP
by "John K7TY" <k7ty@arrl.net>
116) [132329] FS: TEN-TEC 2 to 6 meter transverter.
by "Kenneth Stovel" <k2mpd@worldnet.att.net>
117) [132330] Re: LED Lights for QRP field ops
by "Dennis W. Farrell" <dfarrell@ridgecrest.ca.us>
118) [132331] WTB: Norcal 20 converted to 40M
by "Alan Fryer" <N3BJ@hotmail.com>
119) [132332] Walmart LED lites....more info
by "Rex Harper" <wlrex@megalink.net>
120) [132333] band pass filter and crystal (220 converter)
by "Tracy Markham" <tracy@bytemark.com>
121) [132334] RE: NorCal 30 to debut at QRPacificon
by Karl Kanalz <kkanalz@gcecis.com>
122) [132335] RE: band pass filter and crystal (220 converter)
by Karl Kanalz <kkanalz@gcecis.com>
123) [132336] LED Lights for QRP OPs
by Kenneth Hoglund <hoglund@wfu.edu>

Date: Mon, 12 Aug 2002 18:19:58 -0500
From: "Mike Duke, K5XU" <k5xu@netdoor.com>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [132214] Mid 70's Callbook Listing Needed
Message-ID: <016801c24256\$e84127c0\$6cd294d0@k5xu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If anyone has a callbook from 1973 - 1976, and if you will do a little digging there in for me, please e-mail me off list.

Mike Duke, K5XU
American Council of Blind Radio Amateurs

Date: Mon, 12 Aug 2002 19:17:38 -0400
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [132215] Re: QRM
Message-ID: <5.0.2.1.0.20020812185919.009f8c40@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Steve and gang,
I am curious about thoughts on grounding and shielding. I would think a metal enclosure at least .020" thick and a short, robust ground would help.
Got side tracked from my improved Neophyte Rx recapping an SX-88 (whew!...what a project!)
but the old Hallicrafters really sings now so will hopefully complete my first DC Rx soon.
73 to all
Pete NV4V

At 05:05 PM 8/12/2002, Steven Weber wrote:
> >with the all SMD kit I build last year. Is this a problem with me
> >building the kit, or an annoying 'feature'.
> >
>Hubert,
>
>The AM QRM is an annoying feature, common to many DC receivers :-(
>
>The xtal in the front end goes a long way to reduce this problem, but it
>can't totally eliminate it in some cases. We have some trouble with Radio
>Canada here in Northern New England.
>
>Operating the rig with a battery instead of an AC mains supply usually
>helps alot. Adding an audio filter also helps by cutting down the BW and
>peaking up the signals you want to hear. You can also try going to a
>"double diode" (two diodes in series) instead of the single pair of diodes
>in the T/R switch. Finally, attenuating the input to the SA612 can help a
>lot too. Try a 1 K resistor across D1 and D2.
>
>
>72,
>Steve, KD1JV
>"Melt Solder"
>White Mountains of New Hampshire
><http://www.qsl.net/kd1jv/>

Date: Mon, 12 Aug 2002 19:36:40 EDT

From: K5BDZ@aol.com
To: wa4chq@qsl.net, qrp-1@lehigh.edu
Subject: [132216] Re: motorboating
Message-ID: <17f.c96031b.2a89a088@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 08/12/2002 5:29:39 PM Central Daylight Time,
wa4chq@qsl.net writes:

> I don't get audio for
> about 2 seconds. After it comes on, if I increase the volume, it
> starts to sputter,

Neil

My first guess is the B+ line of the audio chip... if there is a resistor in series with the power, lower the value of the resistor... say to 10 ohms or so. Usually such motorboating is not enough constant voltage to the chip.

Let us know what you find is the problem
Bill K5BDZ

Date: Mon, 12 Aug 2002 18:51:25 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'llachow@yahoo.com'" <llachow@yahoo.com>,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [132217] RE: Smith Chart for Dummy's : punctuation for dummies
Message-ID: <01C24231.439898E0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

OK, since you've broken the ice and haven't been condemned (yet) for it ...

Your -- belonging to you (Is this your beer?)

You're -- means "you are" (You're driving me nuts with your improper grammar.)

also ...

Their -- belonging to them

They're -- means "they are"

72--Vlad, UA2YOU (not my real name)

-----Original Message-----

From: Lloyd Lachow [SMTP:llachow@yahoo.com]
Sent: Monday, August 12, 2002 8:17 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Smith Chart for Dummy's : punctuation for dummies

Want to talk about more than one dummy? That would be dummies. Want to talk about something that belongs to a dummy? Then you'd say dummy's. This is true for almost everything, but watch out for its: You say the dog is chewing its bone, but it's (it is) a beautiful day.

There! Isn't that refreshingly simple??

Thanks for letting me get that out. Whew!

de K3ESE

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Date: Mon, 12 Aug 2002 17:52:46 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Mike Yetsko <myetsko@insydesw.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [132218] Re: OT VE license Information
Message-ID: <Pine.LNX.4.44.0208121751480.3680-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm sorry Mike. Is not that EXACTLY what I said?

On Mon, 12 Aug 2002, Mike Yetsko wrote:

> To quote the ARRL VE Newsletter:

>

> "The FCC also declined to extend permanent credit to Element 1 CSCEs
> held by Technicians to obtain HF privileges. Such CSCEs are good for
> 365 days for upgrading purposes but for Technicians confer only additional
> operating privileges beyond that time."

>
>
> This was in a response to a SPECIFIC request to the FCC about this
> issue. Full details are available in the whole newsletter at:
>
> <http://www.arrl.org/arrlvec/vex100a.pdf>
>
> It's in the front page, left column, about half way down...
>
> Mike
>
>
>
>
>
>

--

Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Mon, 12 Aug 2002 19:55:32 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [132219] Re: OT VE license Information
Message-ID: <022f01c2425b\$c2fb4720\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Actually no. Yes, you stated the facts, but it was still presented as an 'interpretation'. I only posted so that people would have an 'official' reference to go to, NOT someone's interpretation.

The PDF file I referenced was to the ARRL VE newsletter, and should be official enough by itself for a VE to say 'look, that's how it is' when someone tries to argue the point. But also in the newsletter I believe there was a reference to the actual FCC response.

Mike

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>

>
> I'm sorry Mike. Is not that EXACTLY what I said?
>
>
> On Mon, 12 Aug 2002, Mike Yetsko wrote:
>
> > To quote the ARRL VE Newsletter:
> >
> > "The FCC also declined to extend permanent credit to Element 1 CSCEs
> > held by Technicians to obtain HF privileges. Such CSCEs are good for
> > 365 days for upgrading purposes but for Technicians confer only
> additional
> > operating privileges beyond that time."
> >
> >
> > This was in a response to a SPECIFIC request to the FCC about this
> > issue. Full details are available in the whole newsletter at:
> >
> > <http://www.arrl.org/arrlvec/vex100a.pdf>
> >
> > It's in the front page, left column, about half way down...
> >
> > Mike

Date: Mon, 12 Aug 2002 18:07:42 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [132220] Fw: [ndblist] Fw: New MagLoop-Forum online
Message-ID: <20020812.183019.-565863.4.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In light of the recent questions regarding loop antennas,
I thought the below info might be of interest to those
using or thinking of using loops.

73
Ray

----- Forwarded message -----
From: Philip B Atchley <ko6bb@juno.com>
To: Ndblist@beaconworld.co.uk
Date: Mon, 12 Aug 2002 20:37:28 +0000

Subject: [ndblist] Fw: New MagLoop-Forum online

Hello

The following message about a mailing list for loop antennas came over the (of all places!) the Ham-computer reflector. I thought some here might be interested.

73 de Phil K06BB

----- Forwarded message -----

From: Michi Wold <michi.wold@gmx.de>
To: ham-computers@mailman.qth.net
Date: Mon, 12 Aug 2002 18:30:02 +0200 (MEST)
Subject: [Ham-Computers] New MagLoop-Forum online

Hi there,

there ist a new forum on the web dealing with MagLoop-Antennas.
Also a new mailinglist is available.
You can reach the list at

<http://mailman.qth.net/mailman/listinfo/magloop>

The Forum is in English and German language and is worth a visit for all those who are interested in Loops.

It is about Generel discussion about Magnetic Loops and

Exchange of experience about Magnetic Loops.

We are building on an own domain.

Currently you can reach the Forum via

www.df2dd.de

Then click "Jump directly to the Loopforum" in the right frame.

Please visit us and subscribe to our forum and newslist to get to know everything abt Loops.

Bye and 73
de Michaela

--

GMX - Die Kommunikationsplattform im Internet.
<http://www.gmx.net>

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Ndblist mailing list

Ndblist@beaconworld.co.uk

http://rsc-atl1.iphide.net/mailman/listinfo/ndblist_beaconworld.co.uk

Date: Mon, 12 Aug 2002 20:51:52 -0400

From: Steven Weber <kd1jv@moose.ncia.net>

To: qrp-l@lehigh.edu

Subject: [132221] NAND Gate Mixer

Message-ID: <3.0.6.32.20020812205152.007a7310@mailhost.ncia.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

An often over looked fact is that a NAND gate can mix two square waves. I just gave it a try and it works FB. I mixed a 11.06 MHz xtal osc with a 4 MHz L/C VFO (both made from a 74HC04 inverter to produce square waves), in a 74AC00 quad NAND gate and after passing the output through a double tuned circuit, the 11.06 MHz signal is over 40 dB down from the desired 7 MHz product. Very interesting. I'll put some details up on my web page as soon as I get a chance...

72,

Steve, KD1JV

"Melt Solder"

White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

Date: Mon, 12 Aug 2002 20:43:26 -0400

From: "Charles Mabbott" <aa8vs@msn.com>

To: qrp-l@lehigh.edu

Subject: [132222] Question - keys mobile

Message-ID: <F27P6nmGq3MSL2pBIXn00004837@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

I am looking for key in the car. Opinions straight key or iambic? Any

experience with Vibroplex Code Warrior, looks compact and quite serviceable by the picture. Still in planning stages, no emergency

73 oo

Chuck

Http://68.43.100.7:81/aa8vs

Join the world s largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Mon, 12 Aug 2002 20:40:41 -0400
From: JD Delancy <W1JD@drix.net>
To: wa7spy@attbi.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132223] Re: Crystals
Message-ID: <3D585589.DEB515D7@drix.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

International has been around for a lot of years, I remember buying from them in the 60's. Excellent crystals, excellent reputation and excellent workmanship.

Glenn Maclean wrote:

>
> I found this to be a very interesting web site. There is a web tour of how
> crystals are manufactured. The web tour is fascinating and informative. This
> company seems to have every crystal you ever wanted.
>
> <http://www.icmfg.com/>
>
> Glenn Maclean WA7SPY

Date: Mon, 12 Aug 2002 19:52:06 -0500
From: "Donald Dorn" <DDORN@cwis.net>
To: <nkennedy@tcainternet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [132224] Re: Smith Chart for Dummy's : punctuation for dummies
Message-ID: <000201c24263\$a7296a60\$1669a5d0@computer>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Their -- belonging to them

They're -- means "they are"

and There--means over yonder.

73,

Don K5AAR

Date: Tue, 13 Aug 2002 01:01:04 GMT
From: w4bld@juno.com
To: qrp-1@lehigh.edu
Subject: [132225] HW-9 System Available
Message-ID: <20020812.210136.10954.28197@wm1.nyc.unttd.com>

Hello - I have a HW-9 with a built-in tic keyer and WARC bands, speaker (hard to find), power supply (2) Watt meter (2).

These are in great condition!! I will sell these as one lot or will split off one of the watt meters and one power supply. Write me if you have an interest in these units.

I no longer use this equipment enough to keep it when someone else may want this station.

Many Thanks, Bob

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<http://dl.www.juno.com/get/web/>.

Date: Mon, 12 Aug 2002 21:13:41 -0400
From: "Lee Mairs" <lmairs@cox.net>
To: <kc8aon@juno.com>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [132226] Re: LED Lights for QRP field ops
Message-ID: <003001c24266\$aa1d4ea0\$7224f7a5@isp7000>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I live on an island with lots of salt water marsh and a Department of Environmental Conservation that refuses to let us deal with the mosquito problem. We've done quite a bit of research, and it turns out that it is CO2 that attracts the darned things, not lights. The bottomed line is that you can build and use the biggest LED flashlight you can make, but be sure to not breath out when using it in the field!

73 de Lee
KM4YY

Persistence in one opinion has never been considered a merit in political leaders.
-- Cicero

----- Original Message -----

From: "Rick McKee" <kc8aon@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, August 12, 2002 6:23 PM
Subject: Re: LED Lights for QRP field ops

> Yeah they put out a lot of light, but think of all the mosquitoes you'll
> be attracting ! With West Nile virus on the increase, don't forget to
> use a good insect repellent containing deet.

>

> Ya'll stay healthy now - ya-hear?

> KC8AON

>

> On Mon, 12 Aug 2002 16:01:01 -0600 "Jason Nochlin" <jman0iin@attbi.com>
> writes:

> >You could also use a headlamp. They are very bright and can easily be
> >adjusted up or down for what you are doing. You can get one for about
> >\$15 at

> >any camping store.

> >They're is also a headlamp band for a MiniMaglite. The band goes

> >around your

> >head and the Maglite slips into a pocket on it.

> >73,

> >Jason K0IIN

> >

> >

>

>

>

> -----
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>

Date: Mon, 12 Aug 2002 21:15:11 -0400

From: "N3BJ" <N3BJ@hotmail.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [132227] FS: SW40 + Loaded

Message-ID: <OE56z2PDTR8oIbncYYJ0000d8bb@hotmail.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

For Sale:

Small Wonder Labs SW40+ with factory options - FreqMite, RIT, SWL case. Also has - 10 turn Bourne tuning pot, LED power on indicator, 5W mod. Covers approximately 7.033 to 7.050, user adjustable.

All documentation/manuals included.

All options and mods are very well done. Unit is very clean, works FB.

\$115 shipped

Alan, N3BJ

Bent Mountain, VA

Date: Mon, 12 Aug 2002 21:15:56 -0400

From: "Charles Mabbott" <aa8vs@msn.com>

To: qrp-l@lehigh.edu

Subject: [132228] Key question - mobile

Message-ID: <F18JSFsxf4yp8ARf3sl0000108c@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

I am thinking about a key for in the car. One consideration is straight key, another is Iambic. Anyone have any opinions? Are there any users of Vibroplex Code Warrior and have any comments yea or nea?

73 oo
Chuck AA8VS

"If your not part of the solution,
there is good money to be made
prolonging the problem."
<http://68.43.100.7:81/aa8vs>

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<http://www.hotmail.com>

Date: Mon, 12 Aug 2002 19:43:45 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Nick Kennedy <nkennedy@tcainternet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132229] RE: Smith Chart for Dummy's : punctuation for dummies
Message-ID: <Pine.LNX.4.44.0208121936360.4080-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

As I have said before, my spelling is not good now, and has never been good. I don't type real fast either and am not very accurate at that either.

When the internet was born it was decided it would be best if it was used for notes between people and grammer is not required or even checked. I have notes from 4 star Generals in the Army and Air Force that simply had my problem, they could not spell. But they used the Arpa Net as it was called then and sent notes to each other and found the service to be fantastic! They sent when they felt like it and the person receiving read it when they had time. No-one ever commented on grammer.

I think you should drop the subject Nick. It makes me mad and you look real stupid.

On Mon, 12 Aug 2002, Nick Kennedy wrote:

> OK, since you've broken the ice and haven't been condemned (yet) for it ...

--

Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Mon, 12 Aug 2002 22:02:44 -0400
From: Hank Kohl K8DD <k8dd@arrl.net>
To: aa8vs@msn.com,
"Low Power Amateur Radio Discussion" <grp-l@lehigh.edu>
Subject: [132230] Re: Key question - mobile
Message-ID: <5.1.0.14.2.20020812220101.02ec75c0@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Probably the best two iambic paddles I've used for mobile are the Lil Paddelette and the Palm paddle. The Palm is much better for higher speeds (over 30 wpm).

That's my story, and I'm sticking to it! YMMV

73 Hank K8DD

At 8/12/02 09:15 PM -0400, Charles Mabbott wrote:

>I am thinking about a key for in the car. One consideration is
>straight key, another is Iambic. Anyone have any opinions? Are
>their any users of Vibroplex Code Warrior and have any comments
>yea or nea?

>

>73 oo

>Chuck AA8VS

>

>

>"If your not part of the solution,

>there is good money to be made

>prolonging the problem."

><http://68.43.100.7:81/aa8vs>

>

>

>-----

>Join the world s largest e-mail service with MSN Hotmail.
><http://www.hotmail.com>

Date: Mon, 12 Aug 2002 22:07:24 -0400
From: "Hudson, Steve (RBI-US CMD)" <sdhudson@reedbusiness.com>
To: qrp-1@lehigh.edu
Subject: [132231] The moving sale continues...
Message-ID: <A7E30DBD5928D442A7AE9EF215EEE13301A5AC08@BINCMDGNOREXC02>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi folks -

Some newly found treasures, and a few old ones with new prices, =
continue the
AA4BW moving sale.

All plus shipping/insurance from 30004.

Thanks,

Steve Hudson AA4BW

QRP RIGS

Ramsey Electronics Model HR-80 80-meter receiver, built, in matching =
Ramsey
case. Works fine. With original documentation. \$25.

Vectronics 30-meter receiver. Neatly built by me. Not in case. With =
original
documentation. Works fine. \$22

Small Wonders Lab White Mountain 20-meter SSB transceiver, neatly built =
into
extremely rugged diecast aluminum enclosure by me. Includes Morse =
frequency
enunciator, activated by push button mounted on case. Also includes =
the
recommended Radio Shack speaker mike, fitted with three-conductor
quarter-inch plug. Rig tunes with ten-turn pot. On back are BNC antenna =

and
coaxial-style power connector. The volume control, on the front, =
includes an
on-off switch; the switch is not presently implemented but could be =
used as
a power on-off switch if desired. With manual. A very neat rig that =
works
perfectly - just finished talking to a number of Boy Scouts "up north" =
to
help them finish their radio merit badge -- I'm selling this one only
because I find I simply don't use SSB! \$120.

Century 21 CW transceiver. Covers 80-40-20-15-10, CW only transmit. =
Built-in
audio filter. With Tentec accessory crystal calibrator and Tentec =
manual.
Very good condition, works perfectly; in daily use here - if you've =
worked
me in the last few years on a band other than 30 it's probably been =
this
rig. Power output is front panel adjustable down to zero. \$135=20

OTHER HAM GEAR

Heath HD-10 electronic keyer, the old green one. Good condition, works =
fine.
\$25.

METERS

1. Meter. A "W.S. No. 19 Voltmeter" made by Simpson Electric Co., =
according
to the logo embossed on the back. The scale is calibrated 0-15 and =
0-600. On
the lower left side of the scale it reads "Model 125" and on the lower =
right
it reads "6323". I checked the movement and it works, but it does not =
read
voltage directly...apparently a dropping resistor was used. The meter =
is in
a black round case 2.75 inches in diameter and mounts in a 2.25 inch =
round
hole. \$4

2. Meter. Lafayette, 0-10 volts. Works fine. Extra set of contacts at =
top;

not sure what they're for. Rectangular face about two and three-eighths = wide
by one and three-quarters deep. Mounts in 1.5-inch hole. Matches 201 = above.
\$4.

3. Meter. Triplet 0-100 ua, round face 2 5/8 in dia, mounts in 2 =BC = inch
hole. \$5

4. Meter, edge mount, 500 ua movement, scale calibrated 1-9. New. \$3.

5. Meter, new in package, GC Electronics 0-1 ma, rectangular face about = 2 =BC
x 2 inches, mounts in 1 =BE inch round hole. \$5

6. Meter 0-50 milliamp, Triplet, meter has square face about 2.5 = inches on
a side and mounts in round hole about 2.25 inches. \$4.

7. "LED Voltmeter" board, built, model "VM-3" by ...? Small board with = three
LEDs (red, yellow, green) that (according to the schematic with 'em) indicate 11, 12, 13 volts. With copy of schematic, \$1.

8. Meter 0-5 milliamps. Westinghouse. Square face, 2.25 in. on a side, mounts in round hole just over 2 in. \$4.

9. Meter. Simpson, 0-500 microamps DC, 2.75 inch diameter round face, mounts in 2.25 inch hole. Brand new. \$6

All the "meter" items as a batch, \$28

TEST EQUIPMENT

Heath IT-10 transistor tester. The "old and basic" one. No book. \$3.

Heath IN-37 resistor sub box. The old one in the black bakelite case. Two ranges: High (15K to 10 meg in 18 steps) and low (15 to 10K in 18 steps). No book. \$15.

Heath IN-47 cap sub box. The old one in the black bakelite case. 0.0001 = to
0.22 in 18 steps. No book. \$15

All three of the Heath test items for \$20

SEMICONDUCTORS

- 10. Bag of LM107 op amp ICs. New, 5 pcs. \$2
- 11. 2N2405 transistors. Bag of 12. New. \$3
- 12. 2N2405 transistors. Another bag of 12. New. \$3
- 13. 2N2405 transistors. Another bag of 12. New. \$3
- 14. Bag of 20 FND 367 seven-segment LED readouts. New. \$5
- 15. Bag of 10 FND 367 seven-segment LED readouts. New. \$3

All the above semiconductors \$15

TUBES

- 44. Pair of Sylvania 6146B/8298A tubes. In Sylvania boxes. \$12 for both
- 45. RCA 6146A. In RCA 6146B box. \$5

All three tubes \$14

MORE HAM CRYSTALS

All in CR27U type metal cases. Each checks good. \$1.50 each

- 1 ea 1802.6 kHz
- 1 ea 3683 kHz
- 2 ea. 3716.667 kHz.=20
- 8 ea. 3733.333 kHz.
- 3 ea. 3766.667 kHz.=20
- 2 ea. 3783.333 kHz
- 2 ea 3800 kHz.=20
- 2 ea. 3900 kHz.=20
- 1 ea 7235.3 kHz.=20
- 1 ea 7250 kHz.=20
- 1 ea. 14000 kHz.=20

All 24 crystals, \$25

KITS

- 50. Electronic Rainbow OSC-2 Code Practice Oscillator kit. New, =
unbuilt,
unopened. \$4
- 57. Ramsey Aircraft Band Receiver Kit, neatly built by me but never =

tested.

In original bag. With original documentation/instructions. \$15

OTHER COMPONENTS

Bourns 3400-S-201 200-ohm ten-turn wirewound pot. Blue case. =

Quarter-inch

shaft. It was obviously pulled from something at some point but is exceptionally smooth and checks out fine. \$3.

Bag of crystals. All in metal holders, half-inch pin spacing. =

Frequencies:

1244.6, 12.586, 1768.5, 2425.4, 6577.1, 2419.2, 3115.6, 1718.9, 3103.2, 11990.0, 5866.4, 2332.4, 5919.1, 5.8974, 5.6030, 1278.7, 5.6247. \$2 for =

the

batch

Date: Mon, 12 Aug 2002 22:19:52 -0400

From: "ss lyon" <sslyon@megalink.net>

To: "chat qrp" <qrp-l@lehigh.edu>

Subject: [132232] Rock Mites & Meteorites Tonite

Message-ID: <009f01c2426f\$e89558e0\$aac7e742@megalink.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

ok, I know it's unlikely to get a meteor-ITE but

I'll be heading out to mosquitoland and on the air by 10:30 Eastern and will CQ on the hour for at least 10 minutes, for as long as I can. I'll also have a lawn chair in the clearing for watching the skies tonite when things are slow, BUT if condx are good, I'll try to stay awake to 2 AM or so (ain't retirement great?) for left coasters up til 11:00PM Pacific. (VE5RC, AL7FS esp.)

72

"Seab" Lyon - AA1MY

Bethel, ME 04217 USA

N 44.3890 - W 70.8450

FN44nj aa1my@arrl.net

Virus Protection by Norton and ZoneAlarm

Date: Mon, 12 Aug 2002 19:31:13 -0700
From: "The Whites" <lwnphx@peoplepc.com>
To: <qrp-l@lehigh.edu>
Subject: [132233] more, going for a new rig sale
Message-ID: <MCBBJMGIFOPHPNEBDNMMAEFFCCAA.lwnphx@peoplepc.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a few more things which I am not using and which should be used.
Prices include shipping by Priority Mail and, depending on the response
I get I will be willing to haggle.

- 1) Wilderness NC40A with KC-1 and KC-1 front panel. assembled
 \$130
- 2) Heathkit HWA-7-1 power supply modded so that the fuse can be \$40
 replaced without opening the case
- 3) Vibroplex Bug, standard model (grey base). The serial No. would \$75
 have it made in New York City in 1968.

Russ AB7JX
lwnphx@peoplepc.com

Date: Mon, 12 Aug 2002 22:35:27 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <aa8vs@msn.com>
Subject: [132234] Re: Key question - mobile
Message-ID: <01d901c24272\$16ee0dc0\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I just put a Palm Paddle in my car. Pretty nice!

I got the magnetic (Yaesu) version and glued a couple of magnets (watching
the polarity) to the underside of the ashtray lid. Holds the paddle in
place nicely and I can just grab it off and leave no evidence!

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Charles Mabbott" <aa8vs@msn.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, August 12, 2002 9:15 PM

Subject: Key question - mobile

>
> I am thinking about a key for in the car. One consideration is
> straight key, another is Iambic. Anyone have any opinions? Are
> their any users of Vibroplex Code Warrior and have any comments
> yea or nea?
>
> 73 oo
> Chuck AA8VS
>
>
> "If your not part of the solution,
> there is good money to be made
> prolonging the problem."
> <http://68.43.100.7:81/aa8vs>
>
>
>
> -----
> Join the world s largest e-mail service with MSN Hotmail.
> <http://www.hotmail.com>
>

Date: Mon, 12 Aug 2002 21:13:09 -0600

From: William R Colbert <w5xe@juno.com>

To: qrp-1@lehigh.edu

Subject: [132235] Re: Smith Chart for Dummy's : punctuation for dummies

Message-ID: <20020812.211310.-565863.10.w5xe@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

But you left out the your vs you're and there vs their.
And there are numerous others as well but that will
do for now.
Thanks

Ray

It is amazing what you can accomplish if you do not
care who gets the credit. HST

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M
NARTE-NCT2R FP# 111, SOC#78, QRP-ARCI 5784,
El Paso, (FAR WEST) TEXAS

Date: Mon, 12 Aug 2002 23:54:56 -0400
From: "ss lyon" <sslyon@megalink.net>
To: "chat qrp" <qrp-l@lehigh.edu>
Subject: [132236] Rock Mite tonite...
Message-ID: <00ca01c2427d\$30670bc0\$aac7e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just worked Doc, K0EVZ (559) and Jerry W0PWE (449) so looks like the band will
do ok tonite. Noisy tho, and the EDZ "88" is hammering the Mites front end with
CBC, so hearing is impacted. I'll keep trying as we've made coffee for meteor
watching, too. BTW the "88" is beaming right at northern CA so it'll cover AK
ok. :)

-s-

72

AA1MY

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

Date: Mon, 12 Aug 2002 20:18:26 -0800
From: Jim Larsen - AL7FS <AL7FS@arrl.net>
To: sslyon@megalink.net, "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [132237] Re: Rock Mite tonite...and in the future.
Message-ID: <3D588892.FEF371CC@ARRL.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ss lyon wrote:

BTW the "88" is beaming right at northern CA so it'll cover AK

I never hear east of the midwest on 40 meters, sorry to say. And one end of my inverted V is on the ground right now.

Maybe we will have a chance when I have the stacked 3 element beams on 40 meters on the 160 foot tower at KL7Y (I sold my Hygain three element 40 meter beam at less than half price to Dan so he could do this). We QRPers will need to do that in September or October and make a weekend of it. Perhaps I can even spend some of the time on 7.0395.

Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
ex-WA0LPK AK-QRP#003 SOC#003 10-X-#12094
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

Date: Mon, 12 Aug 2002 21:24:52 -0700
From: "Doug Hauff" <dhauff@digitalputty.com>
To: <qrp-l@lehigh.edu>
Subject: [132238] Mi Te Box Info, question
Message-ID: <000d01c24281\$75b1dbc0\$57393442@fix.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sokay, I figgered the material, anodizing, hardware, etc, cost will be \$23 ppd...I have about finished the CAD work, I'll be cutting the first proto this week, start on production by end of week or first of next week...color will be Blue...

I plan on putting in a hole for the optional RF gain control, the question is: front or rear? if it is in the front, if you do not do the RF gain, you got an extra hole in the front, in the back not such a big deal...so: Front or Rear RF gain hole? Please make it simple for me, put your opinion in the subject line, just Front or Rear...or no hole! Problem with that is, it is pretty dam hard to drill thru the anodizing, it'll make a mess for most who try to add a hole....

72, Doug KE6RIE

Date: Mon, 12 Aug 2002 23:25:10 -0500
From: "Doc Lindsey K0EVZ" <dock0evz@earthlink.net>
To: "ss lyon" <sslyon@megalink.net>,
"qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [132239] RE: Rock Mite tonite...
Message-ID: <412002821342510337@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Seab,

Sure was fun to work you tonite. Good, rock steady CW signal. And of course, your signal improved just a couple of minutes after our QSO ended [g]. Wow, I am impressed by the sound of your new Benson Rock Mite rig. Can hardly wait to put one on the air myself.

73,
--Doc/K0EVZ

> [Original Message]
> From: ss lyon <sslyon@megalink.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Date: 8/12/2002 10:54:56 PM
> Subject: Rock Mite tonite...
>
> Just worked Doc, K0EVZ (559) and Jerry W0PWE (449) so looks like the band will
> do ok tonite. Noisy tho, and the EDZ "88" is hammering the Mites front
> end with
> CBC, so hearing is impacted. I'll keep trying as we've made coffee for
> meteor
> watching, too. BTW the "88" is beaming right at northern CA so it'll
> cover AK
> ok. :)
> -s-
> 72
> AA1MY
> Seabury & Sharon Lyon
> 99 Sparrowhawk Mtn Rd
> Bethel ME, 04217 U.S.A.
> 207-836-2576
>
> Virus Protection by Norton and ZoneAlarm

Date: Mon, 12 Aug 2002 22:03:04 -0700 (PDT)
From: Wayne AA5JJ <aa5jj@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [132240] QRP and Discourged
Message-ID: <20020813050304.86588.qmail@web10504.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I am trying to run QRP with a OHR Explorer and am not having any luck I can hear others on the air weak but I can hear them I a have a kenwood TS690 with 100 watts but I am wanting to get into the QRP field more, there was one station that just cleared off with another station and I called him and noticed another station was calling him at the same time well the station that we were both calling said QRM QRM de n3abc try again so again we both ended up calling him again at the same time and He replied again QRM QRM please try again so this time I didn't call him and the other guy got him, yes I did the right thing by backing off even if the other guy didn't.....but was I the one that was causing the QRM or was he hearing me at all ?? beats me hihi. Now that all this is said I need someone to get on freq with me and see if this my antenna is working with QRP, it seems to work fine with 100 watts but not sure about QRP. Who wants to volunteer to make a contact QRP with me.

Thanks for reading God bless
Wayne AA5JJ

PS FREQ 7.040

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Date: Tue, 13 Aug 2002 00:22:52 -0500
From: Ade Weiss W0RSP <adeweiss@sd.value.net>
To: qrp-1@lehigh.edu
Subject: [132241] Re: DK9SQ mast repair question
Message-ID: <S1UWTMIWVDC0BHGXW4Y2GJDVR43.3d5897ac@aweiss>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Hi gang:

Bummer topic!

I had my SD Resonant Vertical laying on the driveway ready to put up. A friend drove over the second-from-top section with his Dodge pick-up. He was amused by my frantic jumping up and down and waving my arms! I couldn't believe that the Black Widow pole would resolve into so many strands of fibers! Sooo, even w. a tape wrapping, the4 pole needed a quadruple shot of Viagra. As it turned out, said friend had several 4-ft arrows for an Austrailian watchsamacallit -- you know, those weapons that use a long notched stick to launch the arrow. Natch, the arrows are very light. Well, just to be able to get on the air, I commandeered one arrow and just taped the thing across the 1-ft section of pole that was splintered. It stayed up for 20 days w. with no problem. Pretty straight too. Of course, this isn't a perfect solution. But I'm kind of lazy and use a lot of duct tape and haywire etc...

72, Ade W0RSP

Date: Mon, 12 Aug 2002 22:30:09 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: "qrp-1" <qrp-1@lehigh.edu>
Cc: "'Gentleman Jim Cates'" <wa6ger@aol.com>
Subject: [132242] So You Want to be a Builder, Huh? Part 4
Message-ID: <008001c2428a\$80668e40\$1fa3ad40@DOUG>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

This is part 4 of a series of articles that I am writing on how to become a builder of qrp ham radio gear. I plan on going from a rank beginner to advanced projects and giving suggestions on how to become a good builder. This installment will cover a couple of projects that are very important station accessories, a set of PC Board Paddles, and the NorCal BLT Tuner.

First the paddles. I have a good friend, Dave Gauding, NF0R, who loves to build simple gear. He has messed around with building simple paddles for as long as I have known him. He also has a set of very nice Brown Brothers paddles, yet he continues to experiment because he likes to build, and it gives him pleasure to build a project and have it turn out. When Dave saw the PC Board paddles on the NorCal page, he told me that they were the real deal and worked surprisingly well for such a simple idea. The key to the paddles is that it uses PC Board for the arm of the paddle, nothing new with that, but the unique thing is that the board is given more flexibility by drilling a hole in it. Check out the drawings and pictures on the NorCal page and you will see what I mean. Here is the URL:

<http://www.fix.net/~jparker/norcal/paddle/nb6m.htm>

Wayne McFee, NB6M, designed these single lever paddles, and they work brilliantly. The NorCal page has a full set of instructions on how to build them, all that you need is some double sided PC Board and a good iron. I use my soldering station and turn the heat up to 850 degrees and it works fine. You can also use a Weller soldering gun, which will provide plenty of heat. One of the things that often happens in ham radio is that one guy will come up with a good idea, and someone else will improve it. That happened in this case. Carol Mulder, PA0CMU decided to make a set of iambic paddles using Wayne's method, and he was very successful. Here is the URL to see the double lever iambic paddles.

<http://www.fix.net/~jparker/norcal/paddle/pa0cmu2.htm>

Carol even shows you a simple way to put silver contacts on your paddles. This is a neat one evening project, and when you finish, you have a nice set of paddles to use with your station. Seabury Lyon, who lives in the Northeast, showed me a neat trick at Lobstercon. Seab likes to use something called poster stick, which is also called blue tack, to hold his paddles on his rig. Gives it a nice solid base, it doesn't move around, and is always handy. You can buy it at Staples or any office supply store. And, just in case you are wondering, that is ribbon cable being used as a cord for the paddles. Another "freebie" and a great idea. The neat thing about this project is that it is almost free to build. One hint, be sure to use steel wool to polish your pc board before you solder it. It works a lot better that way. Also, when you have to drill holes in small pieces it is better to drill the holes first, then cut off the piece from the larger

piece. No kit is available for this one, so you get to scrounge the parts yourself. Ask around at the next radio meeting for help in finding the parts, or better yet, go to a swap or flea market and look for old relays and double sided pc board pieces. If you live near a PC board fabrication shop, ask them for their waste pieces and they will be glad to give you all that you need.

The next project is the NorCal BLT tuner which is a bargain at \$25 + \$4 shipping and handling from me. Here is the URL on this project:

<http://www.norcalqrp.com/blt/blt.htm>

This tuner was designed by Charlie Lofgren, W6JJZ, who is the world's leading authority on Z-Match tuners. I asked Charlie to design a simple tuner that would work on 40 meters for a talk that I was going to give in Ft. Smith, Arkansas at Arkiecon, and he came through with the BLT. When it was tested with a 44 ft. doublet, we found that it worked on 40 through 10 meters, not just 40!! What a deal. I designed the case, which comes with the kit, and the case is one of the reasons that I picked this kit to be part of this series. You will learn how to build good, solid cases out of PC board material. The parts come precut, all that you have to do is assemble them. Plus, the kit is not built on a board, it uses Manhattan style construction, which uses small pads glued to the circuit board as tie points for the components and the board itself for the ground plane. You just follow the schematic and build as you go. Very easy to do, and it frees you from having to build only projects that have a board. The kit goes together easily in one day, and when you finish, you have a QRP tuner that will handle up to 10 watts. The name BLT stands for balanced line tuner. This was designed to be fed with twin lead, ladder line, tv lead, any balanced line. But you can have a long wire and coax tuner too just by doing a simple mod. Put another BNC connector on the back of the tuner. Place a wire from the center conductor of the new BNC to one of the binding posts on the back (on the inside of the tuner of course). Then mount a SPDT switch with one side going to ground, and the other to the other binding post. Now, when you want to use the coax tuner or a long wire, simply throw the switch and ground the binding posts. Throw the switch back to use as a balanced line tuner.

Plus, the tuner comes with a built in dummy load/SWR Indicator designed by Dan Tayloe, N7VE. The Indicator uses an LED that will go out when the best match is made and SWR is lowest. Pretty neat idea, and it works great. Also, the kit comes with a very nice Lexan cover which were made by Dennis Foster, KK5PY. They really set off the tuner, and I love the "look" it gives it. You will like to show it off to your friends, and you won't need to take off the top to show it to them. Neat idea, thanks to Dennis for coming up with it, and making all of those covers.

The two projects in part 4 will give you some more building experience, and

teach you how to mount connectors, solder wires, do point to point building, and gives you a start on a great, tool, the Manhattan method of building. Hope you enjoy the series, and I encourage you to keep building and learning. Part 5 will be our first serious rig. It is a single band transceiver, and it comes with VFO and is a classic kit. You will enjoy it.
72, Doug, KI6DS

Date: Tue, 13 Aug 2002 05:31:53 +0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: kwiike@gdls.com, qrp-1@lehigh.edu
Subject: [132243] Re: LED Lights for QRP field ops
Message-ID: <F138UHbY60ISo1WYi3N0000314a@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Ed-

I made up a couple of LED "illuminators" for FD this year. All they were was a couple of white LED's in series with a resistor connected up to a 9v battery. Mounted 'em in an Altoids tin. Worked FB and they put out a pretty good amount of light.

72 es oo

Dennis - WB0WAO

NJQRP #329
FPQRP #-347
SOC #499
FISTS # 9299
GACW #622

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Tue, 13 Aug 2002 00:47:54 -0500
From: "George, W5YR" <w5yr@att.net>
To: aa5jj@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [132244] Re: QRP and Discourged
Message-ID: <3D589D8A.32753814@att.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Where are you, Wayne?

If your antenna allows you to hear and work QRO, then just crank back the power on the big rig to 5 watts and have at it. I run an Icom 756 PRO at 5 watts all the time on QRP.

73/72/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Wayne AA5JJ wrote:

Now that all this
> is said I need someone to get on freq with me and see
> if this my antenna is working with QRP, it seems to
> work fine with 100 watts but not sure about QRP. Who
> wants to volunteer to make a contact QRP with me.
>
> Thanks for reading God bless
> Wayne AA5JJ
>
> PS FREQ 7.040

Date: Tue, 13 Aug 2002 00:51:52 -0500
From: Ade Weiss W0RSP <adeweiss@sd.value.net>
To: qrp-l@lehigh.edu
Subject: [132245] Conjugate{al} Match Critical to Success -- final word
Message-ID: <FDTR98WRZYD0JFNM43VU5VT4WMH6ZHD.3d589e78@aweiss>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Hi all:

A recent post reminded me of the "forgotten" component that never surfaced in the "conjugate match" thread:

"I would get the dipole as high as the wife allows. The length of the feed line is very critical. It MUST be at least as long as it needs to be to reach your radio or a 1:1 balun."

Actually, with apologies to Maxwell, Bruene, and all the antenna gurus on this list,
what happens at the feedline/antenna, tuner/feedline, rig/tuner, plate circuit etc.
really doesn't matter at all, i.e., the whole conjugate match topic is a smelly red
herring UNLESS the conjugal match is defined first. It doesn't take a Ph.D. in EE to realize that if the conjugal match on antenna systems is not a perfect 1:1, we're not going to have a shot at any kind of conjugate match in the rest of the antenna system. Yes, I am implying that the XYL is the first quantity to be defined and tuned to 1:1. Only then can we worry about all the unimportant stuff like what constitutes a conjugate match and how to achieve it! As per the above quote, the "length of the feedline is very critical," but even more critical than that is whether the feedline can be erected. That erection entirely depends upon the same in the conjugal match part of the system. So, I hate to be the one to point out that the whole conjugate match thread was ungrounded in so much as it did not take into consideration the whole antenna system.

72, Ade W0RSP

Date: Tue, 13 Aug 2002 02:09:43 -0400
From: "Richard Brummer, K2JQ" <k2jq@rcn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [132246] Re: QRP and Discourged
Message-ID: <044501c24290\$0479a500\$0300a8c0@rcn.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wayne and I just ran off a contact on 7044 -- NY to OK -- took us abiut 20 minutes, but we did it -- RST 119 both ways !

Wasn't very pretty, but we did it !

Dick K2JQ
----- Original Message -----
From: "George, W5YR" <w5yr@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, August 13, 2002 1:47 AM
Subject: Re: QRP and Discourged

> Where are you, Wayne?
>
> If your antenna allows you to hear and work QRO, then just crank back the
> power on the big rig to 5 watts and have at it. I run an Icom 756 PRO at 5
> watts all the time on QRP.

Date: Mon, 12 Aug 2002 23:39:35 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <sslyon@megalink.net>, "qrp-l" <qrp-l@lehigh.edu>
Subject: [132247] Re: Rock Mite tonite...
Message-ID: <00a001c24294\$34440060\$1fa3ad40@DOUG>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Mr. Seab. I heard you calling CQ at 2AM your time. I answered you and
thought that you came back, but was not sure. Gave you a 229, but did not
copy a report or my full call, so it can't be a qso, but it is possible on a
clear frequency I know. Wow to think that two Rock Mites could make a qso
that far with simple wire antennas!! Will try again tomorrow. Thanks for
the effort. 72, Doug

Date: Tue, 13 Aug 2002 06:43:52 +0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: ki6ds@dph.dpol.net, qrp-l@lehigh.edu
Subject: [132248] VX0 Contest Question
Message-ID: <F1963ednHM3S01bpH710000007e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Doug wrote:

>10. We will have an overall division, (add the 2 swings together of >the 20
>and 40 meter VX0), and a 20 meter and a 40 meter division.

Are there seperate categories for single xtal VX0's and multi xtal VX0's???

72 es oo

Dennis - WB0WAO

NJQRP #329
FPQRP #-347
SOC #499
FISTS # 9299
GACW #622

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Date: Tue, 13 Aug 2002 00:23:27 -0700
From: Timothy-Allen Albertson-KG6IRH <kg6irh@pacbell.net>
To: qrp-1@lehigh.edu
Subject: [132249] Re: LED Lights for QRP field ops
Message-ID: <03fb01c2429a\$52307760\$5718a140@computer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

There are always a few items I make sure are within arm's reach at all times and one of the most important is a Mini Mag Light.
73 de tim kg6irh.

----- Original Message -----

From: "Jason Nochlin" <jman0iin@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, August 12, 2002 3:01 PM
Subject: Re: LED Lights for QRP field ops

> You could also use a headlamp. They are very bright and can easily be
> adjusted up or down for what you are doing. You can get one for about \$15
at
> any camping store.
> There is also a headlamp band for a MiniMaglite. The band goes around
your
> head and the Maglite slips into a pocket on it.
> 73,
> Jason K0IIN
>
>

Date: Tue, 13 Aug 2002 09:27:32 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: kwike@gdls.com, qrp-1@lehigh.edu
Subject: [132250] Re: LED Lights for QRP field ops
Message-ID: <F34sa0oyg2N54FcEHRb0000760b@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: kwike@gdls.com
>Reply-To: kwike@gdls.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: LED Lights for QRP field ops
>Date: Mon, 12 Aug 2002 17:07:02 -0400

>
>I had a great time this weekend camping and qrping. I used the back of the
>XLYs Astro van as a op position. It worked out well. There was one minor
>glitch. I did not want to use the vans interior lights when operating at
>night. They can kill the vehicle battery pretty quick. I used a candle
>lantern which had drawbacks. It was hot and it was too warm in the van as
>it was. I could not mount it safely were it could provide enough light at
>the op position and not burn up the vans headliner. There has been over
>the years discussions on LED lights for QRPers and I never paid much
>attention. I searched the archives and found several references but not
>what I wanted. Does anyone have a lighting approach using LEDs powered by
>the 12 VDC gel cells I use to power my rigs?
>
>Ed AB8DF

The newer white LEDs would be ideal. To minimise power, it would be a good
idea to pulse them on and off.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790
Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Tue, 13 Aug 2002 06:40:00 -0400
From: "Hap, WA3PTG" <wa3ptg@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132251] hb - QRP Homebuilder site
Message-ID: <JDEHLKLGPEMGGPDIMIFBCEGBCBAA.wa3ptg@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I really liked the QRP Homebuilder site that disappeared a few months ago.
Parts of it are available at:
http://web.archive.org/web/*/http://www.qrp.pops.net/
I'd love to see the entire site published as a book.

Anyone know why it was taken down?

72
Hap, WA3PTG
Wilmington DE

Date: Tue, 13 Aug 2002 03:15:44 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: aa5jj@yahoo.com,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132252] Re: QRP and Discouraged
Message-ID: <20020813101544.61921.qmail@web14202.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

If it works at 100 watts, than it is a good guess that
it works at 5 watts. Where you the QRM, yes and no.
You heard the other station so he could hear you too.
When you hear a cq or stations sign, wait a couple
seconds to see how many others are calling. Working
QRP is a matter of timing and learning when to throw
in your call. It takes practice to get it right and we
all miss some. This is why a new ham should work at
QRO levels at first before trying QRP.

Hang in, QRP is fun.

73 Bill kc4atu

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Date: Tue, 13 Aug 2002 05:04:05 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Doug Hendricks <ki6ds@dph.dpol.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132253] Re: Walmart LED Lights
Message-ID: <Pine.LNX.4.44.0208130500510.1594-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Doug, I'm sure it's a good light at a good price. I jumped in the car and drove to Walmart and bingo found the sign, but no lights. Asked when they will get some in. The Walmart people had no idea.

On Mon, 12 Aug 2002, Doug Hendricks wrote:

> In the camping section of Walmart they have a LED flash light that runs off
> 4 AA batteries. It uses 2 super bright LED's (white) and some type of
> plastic tube about 3 inches long. It looks like a couple of fluorescent
> bulbs when lit. I thought thats what it was at first, but then discovered

--
Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Tue, 13 Aug 2002 06:58:26 -0400
From: "Terres Family" <terresfm@ncia.net>
To: <adeweiss@sd.value.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [132254] Re: Conjugate{al} Match Critical to Success -- final word
Message-ID: <001a01c242b8\$5a8b75e0\$b782f3ce@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

"the XYL factor

so its not the length of the feed line its what you do with it [spirit of
qrp, doing more with less],
(or is it the width?)

corollary:

when you talk softly, success is better if you send it with/carry a big
stick

----- Original Message -----

From: "Ade Weiss W0RSP" <adeweiss@sd.value.net>

> critical than that is whether the feedline can be erected. That erection
entirely

> depends upon the same in the conjugal match part of the system. So, I hate
to

conflict of interests disclosure:

thru my dwindling mutual funds in my retirement account i may actually own
some of that company that makes viagra

(just for hi's guys, just for hi's)

73/72 jerry aa1of

Date: Tue, 13 Aug 2002 04:52:38 -0700 (PDT)

From: Jim Cluett <w1pid@yahoo.com>

To: qrp-l@lehigh.edu

Subject: [132255] Rock Mite Tonight

Message-ID: <20020813115238.49549.qmail@web11605.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Doug and Seab - Geez... OK 2:00 a.m. it is. I'll be
there too. Jim w1pid@arrl.net

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Date: Tue, 13 Aug 2002 07:53:38 -0500

From: W2EB <w2eb@twcnny.rr.com>
To: adeweiss@sd.value.net, qrp-1@lehigh.edu
Subject: [132256] Re: Conjugate{al} Match Critical to Success -- final word
Message-ID: <3D590152.4EE0510C@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ade,

This is possibly the most "rational" point I've heard concerning the Conjugate (conjugal?) match. Thanks for putting some humor into such a heated debate.

73,

Bill
W2EB

Thomas Hodgkins died of Natural Causes

Ade Weiss W0RSP wrote:

Yes, I am implying that the XYL is the first quantity to be
> defined and tuned to 1:1. Only then can we worry about all the unimportant
> stuff like what constitutes a conjugate match and how to achieve it!

Date: Tue, 13 Aug 2002 06:03:42 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Wayne AA5JJ <aa5jj@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [132257] Re: QRP and Discourged
Message-ID: <Pine.LNX.4.44.0208130555320.2194-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Wayne, your trying to do something against the Gods of propagation.
40 meters is not open in the summer. You need to be on the highest
frequency that has propagation and here of late that has been 20 meters.

Work with your TS-690 and set it to 5 watts and try 20 meters on
your 40 meter antenna. Later get a better 20 meter antenna. 40 will
start to get good about November, if you stay up late.

On Mon, 12 Aug 2002, Wayne AA5JJ wrote:

> I am trying to run QRP with a OHR Explorer and am not
> having any luck I can hear others on the air weak but
> I can hear them I a have a kenwood TS690 with 100
> watts but I am wanting to get into the QRP field more,

--

Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Tue, 13 Aug 2002 07:50:15 -0400
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132258] RE: punctuation for dummies
Message-ID: <3D58BA37.6027.3D438A9@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 12 Aug 2002 at 19:43, Karl F. Larsen wrote:

>
> As I have said before, my spelling is not good now, and has
> never been good. I don't type real fast either and am not very accurate
> at that either.
>
> When the internet was born it was decided it would be best if it
> was used for notes between people and grammer is not required or even
> checked. I have notes from 4 star Generals in the Army and Air Force
> that simply had my problem, they could not spell. But they used the Arpa
> Net as it was called then and sent notes to each other and found the
> service to be fantastic! They sent when they felt like it and the person
> receiving read it when they had time. No-one ever commented on grammer.
>
> I think you should drop the subject Nick. It makes me mad and
> you look real stupid.
>

Karl, It is amazing, you can come up with a reference for anything. Now a "4-star General" saying "bad grammar and spelling are OK."

I screw up with typos myself, but you consistently do so. Remember the long "Resiprocity" thread? They are not typos, but spelling not worthy of a self-proclaimed Phd.

So to correct your last statement to Nick, since you chose to post it to the world. It makes you mad, but it also makes YOU look stupid.

--

/\ /\ /\ /\ /\ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
//_/_/_/ QRP/ARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Tue, 13 Aug 2002 08:27:50 -0400 (EDT)
From: wb0wao@hotmail.com (Dennis Ponsness)
To: w1pid@yahoo.com
Cc: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [132259] Re: Rock Mite Tonight
Message-ID: <799-3D58FB46-4583@storefull-2158.public.lawson.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Hey room for a third???? Mine is up and running and I will be up (as usual) that time of the nite - work third shift and am off tonite. QTH is EN84 (Northern Lower Michigan)

73 es oo

Dennis - WB0WAO

NJQRP #329
FPQRP #-347
SOC #499
FISTS # 9299
GACW #622

Date: Tue, 13 Aug 2002 09:06:34 -0400

From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
To: <qrp-1@lehigh.edu>
Subject: [132260] digest comments
Message-ID: <6579C6377F475547985F0B3E426E16261406C8@0CCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

Hi

I am catching up on my digest reading from the weekend. I have been =
reading with interest
the stories concerning the game, as it unfolds. James Duffey made a =
comment about it=20
originating as a childs game for holidays, and that what was received =
was "gelt".
Now that got me to wondering if somehow that could have been then been =
passed from=20
one area of the country or world to another. In another post many months =
ago, sometime
after FDIM I remember reading about the Flying Piggies having a dinner =
and a talk, one
thing to come out of that talk was "pelf", or in qrp parlance things you =
get, like at=20
hamfests. As words and ideas get borrowed around the world, I bet it =
could be that=20
the "gelt" was used or reused as "pelf". Boy I sure hope I am spelling =
that right, but=20
then again when has spelling been a problem on this list.

Now why can I remember this kind of stuff, and not know what time it is =
now? I think it
is a product of age.

Marty Hartwell kd8bj
AT&T Columbus Ohio
PH:614-501-2503

Date: Tue, 13 Aug 2002 06:11:47 -0700
From: Bruce Grubbs <mail@brucegrubbs.com>
To: don@azark.com,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [132261] Re: QRP - GPS redux
Message-ID: <E17ebSb-0003A8-00@swan.mail.pas.earthlink.net>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Some of the newer inkjet printers, like my Epson 1280, have waterproof, fade-resistant inks.

The state Topo! map sets from National Geographic may seem expensive, but consider- for my state, Arizona, there are more than 2000 USGS 7.5-minute paper maps covering the state. At the current government price, that's \$8000 worth of maps, which Topo! sells for \$99 on 7 CDROMS. Plus, you don't have to store all those paper maps. Even the USGS maps on CDROM would set you back more that \$2000, and you don't get mapping software.

73
Bruce
N7CEE
Flagstaff, AZ

Date: Tue, 13 Aug 2002 07:23:36 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
Subject: [132262] Re: QRP and Discourged
Message-ID: <006501c242cc\$a1f031f0\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl, Wayne et.al

```
----- Original Message -----
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, August 13, 2002 6:03 AM
Subject: Re: QRP and Discourged
```

```
>  
> Hi Wayne, your trying to do something against the Gods of propagation.  
> 40 meters is not open in the summer. You need to be on the highest  
  ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
```

This is far too simplistic of an answer, ignore it Wayne. Karl IF there was "no propagation" THEN how did Seab and I make so many contacts with our simple 500mW Rock-Mites!?!?!? Simply put 40m IS open during the summer. But is affected by time of day, atmospheric conditions (t'storms create vast amount of static), current geomagnetic disturbances, short term solar flare events, local man-made noise, you antenna and it's orientation....probably a few things I've forgotten.

I'll offer one word of advice, ignore simple absolute claims as offered above by Karl. The truth is usually more involved, as I elude to.

Now on the problem. Wayne you didn't tell us anything about you antenna. All other things being equal (for the moment) tell us about your antenna: Type? Height above ground? Orientation? Type of feedline, coax or balanced? That should be enough for now.

73, Rod NØRC

Date: Tue, 13 Aug 2002 09:24:52 -0400
From: Alex <kr1st@amsat.org>
To: w5yr@att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132263] Re: PSK31 software with high res waterfall
Message-ID: <3D5908A4.C6C3AB59@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi George,

Thanks for the info. I installed it last night and the waterfall is indeed better than most other software. Since I've been using Digipan it has been very easy to work with MixW.

However, I do have reservations about the \$50 registration fee, though. I think it's rather steep for a mere registration without license. In general I do try to support and encourage the many hams who donate their time to the ham community to write free, or donation based, software.

Thanks again,

--Alex (KR1ST)

"George, W5YR" wrote:

>

> I use MixW and I believe it is what you are looking for, Alex.

Date: Tue, 13 Aug 2002 09:47:59 -0400
From: "John Huffman" <hjohnc@core.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [132264] Tuner for K1?
Message-ID: <000701c242d0\$09f92970\$2f075dd8@jhuffmanlt>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm debating. Need a tuner for my K1.

Considering the Emtech ZM-2, the Norcal BLT, built-in Elecraft KAT-1, or ??

I like the idea of the built-in, but usually use a balanced antenna in the field, so a balun would be needed externally. The others cost less, so that's nice.

Bottom line is performance. I wonder how the efficiency and matching ability of these units compares.

Comments/advice appreciated.

73 de K8HJ
John

Date: Tue, 13 Aug 2002 09:50:02 -0400
From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
To: qrp-l@lehigh.edu
Cc: neqrp@jonal.net
Subject: [132265] Tonight, Tuesday the NEQRP SSB NET returns on 7.286Mhz +- 5Khz at 7:30PM
EDST
Message-ID: <OFFD39D5AD.5ADFEEEE2-ON85256C07.00477063@and.us.ray.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Well I survived the downsizing for now and am looking forward to having some comic relief! All you comedians pick up a mic and check-in.

I finally installed the KAF2 in my K2 and it really reduces the "hiss" on SSB.

Talk to all tonight

Ron - N1ZSW

ps - remember the NEQRP meeting at Newington, CT this Saturday the 17th

Date: Tue, 13 Aug 2002 09:59:45 -0400
From: "ss lyon" <sslyon@megalink.net>
To: <w1pid@yahoo.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [132266] Re: ROCK MITE: Bottom Line
Message-ID: <002501c242d1\$aec2df40\$aac7e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Monday nite was not very productive from either a Rock Mite or Meteor standpoint. Stayed up til after 2:00AM despite real bad QRM from CBC just across the border, plus QRN from storms across the continent. I heard many callers, but they were rendered unintelligible by condx, so wore out my "vy sri QRM/QRN try later" groove. I really developed skill at piecing a call together from repeated fragments. I heard 'N9HNL' (?) at 0455 UTC say he was running a Rock Mite but he faded before we could complete. Thought I heard Doug KI6DS at 0658 UTC and sent him 339 QRM but no completion. Otherwise, no left coast QRP was heard.

Between on-the-hr CQ -ing I sat in a lawn chair, ate fresh Toll House cookies and waited for meteors. ('lawn' is REALLY stretching it here in the woods) Several big "smokers" were seen, but the density of the Persieds shower was far less than I've seen on previous occasions. Perhaps it picked up after I quit at 2:30AM local.

The "Net-Net":

Summer propagation is iffy at best at QRP levels and the ultimate test for those who venture forth on the lower bands. Rock Mite has proven itself a worthy "minimalist" offering at the QRPP level with excellent keying and an RX that hears very well, given a chance. Note that I hadn't taken the time to package it

or add recommended controls that would have improved convenience. It was an acid test to be operating so close to the megawatt CBC just across the border. I did confirm that the resonant Folded Dipole effectively limited CBC impact compared to the 88' EDZ. (both with the Z-MATCH)

R-M is a quick and easy project as designed and presented by Dave Benson of Small Wonder Labs. Under more favorable conditions, (propagation season, no big fat QRM-ers) it will indeed provide users that special thrill of "operating at the edge". I look forward to many more hrs of fun with this special little rig.

I must add that the KD1JV analog audio filter board works very well with R-M. While not absolutely necessary, it narrows the audio pass band and provides effective AGC that makes it much easier on the ears under noisy condx. It should be part of every experimenters arsenal. So long for now

72/73

"Seab" Lyon - AA1MY
Bethel, ME 04217 USA
N 44.3890 - W 70.8450
FN44nj aa1my@arrl.net

Date: Tue, 13 Aug 2002 07:58:16 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Steven Weber <kd1jv@moose.ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [132267] Re: NAND Gate Mixer
Message-ID: <Pine.BSI.3.96.1020813075733.11427A-100000@usr02.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It is more typical to use an XOR gate as a mixer.

Chris

On Mon, 12 Aug 2002, Steven Weber wrote:

> An often over looked fact is that a NAND gate can mix two square waves. I
> just gave it a try and it works FB. I mixed a 11.06 MHz xtal osc with a 4
> MHz L/C VFO (both made from a 74HC04 inverter to produce square waves), in
> a 74AC00 quad NAND gate and after passing the output through a double tuned
> circuit, the 11.06 MHz signal is over 40 dB down from the desired 7 MHz
> product. Very interesting. I'll put some details up on my web page as soon
> as I get a chance...
>
>

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      / extinct stuff, anyhow?    /
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Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Date: Tue, 13 Aug 2002 10:12:09 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [132268] Re: Tuner for K1?
Message-ID: <016601c242d3\$69e0d470\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My K1 had the built-in tuner. I built 2 baluns for the output:

1. As many turns of RG58 that I could get around a 4"x1/2" ferrite rod. This worked fine on 40 and 20. I just took an old rg58 cable with a BNC on one end; wrapped it around the rod; taped it uip with electrical tape and placed two banana jacks on the loose end; then connect to 300/450/600 twin-lead.

2. Found a 1" feritite toroid, type 43 in my junk box;
Wound 3 wires, 10 turns each (trifilar) and configured
as a 4:1 balun. Also worked fine.

The K1 autotuner could tune 20 and 40 meter to an SWR of 1.5:1
or less with various dipole lengths, typically 20-50 feet
on each leg.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

----- Original Message -----

From: "John Huffman" <hjohnc@core.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, August 13, 2002 9:47 AM
Subject: Tuner for K1?

I'm debating. Need a tuner for my K1.

Considering the Emtech ZM-2, the Norcal BLT, built-in Elecraft KAT-1, or ??

I like the idea of the built-in, but usually use a balanced antenna in the
field, so a balun would be needed externally. The others cost less, so
that's nice.

Bottom line is performance. I wonder how the efficiency and matching
ability of these units compares.

Comments/advice appreciated.

73 de K8HJ
John

Date: Tue, 13 Aug 2002 10:26:32 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [132269] Re: LED Lights for QRP field ops
Message-ID: <3.0.6.32.20020813102632.007ad100@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>

>You might want to consider just getting a Mini Maglite and a small piece

I never have liked Maglites much. They eat batteries like candy and if it happens to drop or fall over when the bulb is on, it goes out and you better have a new bulb handy and candle so you see to change it!

I was going to get one of those folding table lamps with the white LED's and light bars, like Rex had at Lobstercon, then next to them I saw a three way headlamp with has a white led, two red led's and a bright incidecent bulb for when you need a good bright light. For \$12.96 or something. (Wal-Mart) I needed a head lamp anyway, so that's what I got.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Tue, 13 Aug 2002 10:21:36 -0400 (Eastern Daylight Time)
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: <hjohnc@core.com>, <qrp-l@lehigh.edu>
Subject: [132270] Re: Tuner for K1?
Message-ID: <3D5915F0.000037.30907@pentium>
MIME-Version: 1.0
Content-Type: Text/Plain
Content-Transfer-Encoding: quoted-printable

Efficiency is one thing, but there are other perhaps more major considerations at least for some. Are you going to always just use you K-1 at home, or will you be taking it to the field? If any of the latter, go with the internal tuner. The fewer separate parts you have the better then, and the less likely to forget taking something important!
73/72 - Mike WA8BXN

-----Original Message-----

I'm debating. Need a tuner for my K1.

Date: Tue, 13 Aug 2002 10:24:35 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>
To: <hjohnc@core.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [132271] Re: Tuner for K1?
Message-ID: <004001c242d5\$cf056620\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I'm debating. Need a tuner for my K1.
>
> Considering the Emtech ZM-2, the Norcal BLT, built-in Elecraft KAT-1, or
> ??
>
> I like the idea of the built-in, but usually use a balanced antenna in
> the
> field, so a balun would be needed externally. The others cost less, so
> that's nice.
>
> 73 de K8HJ
> John

I bought the internal ATU for my K2. For a while I ran with a length
of RG-58 to a 4:1 balun to feed my 300 ohm twinlead to a 40M dipole
in the back yard. Works pretty good on the lower bands.

But then I tried this BNC to binding post adapter from Radio Shack to
feed the twinlead right at the radio.

No balun, just direct to the twinlead. It also works pretty darn good.
In fact, I don't use the coax and the balun anymore. Especially when
I go camping. I just pull up a 40M dipole I keep in my camp-pack
that has about 40 feet of the cheap RS twinlead feeding it and it goes
right into my tent to the adapter on the back of the rig.

I'll tell you, having that internal ATU is just SO sweet! Press a button
and 10 seconds or so later you're on the air. Change bands, and it
remembers where you were the last time. So when you set up camp,
I just go to about mid-band of where I plan to hang out, do a tune, and
I'm generally set for the rest of the week. From then on just turn on the
radio and go.

Mike

Date: Tue, 13 Aug 2002 10:42:08 -0400
From: "Craig A. Ferris" <cferris@aeronix.com>
To: qrp-l@lehigh.edu
Subject: [132272] Wanted: Wavetek 164
Message-ID: <3D591AC0.6BF99DAB@aeronix.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Looking for a Wavetek 164 HF sweep generator. Please reply direct with condition and price.

72,
Craig NR4E
Melbourne, FL

Date: Tue, 13 Aug 2002 09:49:47 -0500 (EST)
From: <igeq100@iupui.edu>
To: John Huffman <hjohnc@core.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132273] Re: Tuner for K1?
Message-ID: <Pine.GS0.3.96.1020813094538.22061B-1000000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, John -

You might also consider the SuperTee tuner kit from Kanga US. While you do have to provide your own case, it is low in price (\$20), and I have found it to be very effective. It uses the same "binary series" of inductors that the automatic tuners use. If you are interested, I can provide details of layout, housing the parts, etc.

No connection to Kanga - I just like the tuner.

72,
Richard Meiss, WB9LPU

On Tue, 13 Aug 2002, John Huffman wrote:

> I'm debating. Need a tuner for my K1.
>
> Considering the Emtech ZM-2, the Norcal BLT, built-in Elecraft KAT-1, or ??
>

> I like the idea of the built-in, but usually use a balanced antenna in the
> field, so a balun would be needed externally. The others cost less, so
> that's nice.
>
> Bottom line is performance. I wonder how the efficiency and matching
> ability of these units compares.
>
> Comments/advice appreciated.
>
> 73 de K8HJ
> John
>
>
>

Date: Tue, 13 Aug 2002 08:52:23 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Cc: Brian Buydens <brian.buydens@usask.ca>
Subject: [132274] OT RE: Smith Chart for Dummy's : punctuation for dummies
Message-ID: <Pine.OSF.4.44.0208130837320.172420-100000@duke.usask.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

I promise not to criticize anyones grammar, grammer, gramma, or grampa.
But I have one question: I seem to remember two nets ARPA and DARPA. I
always assumed the 4 star general types would be using DARPA. Perhaps
someone with a better memory than me can clear this up for me.

Thanks.

On Mon, 12 Aug 2002, Karl F. Larsen wrote:

> When the internet was born it was decided it would be best if it
> was used for notes between people and grammer is not required or even
> checked. I have notes from 4 star Generals in the Army and Air Force
> that simply had my problem, they could not spell. But they used the Arpa
> Net as it was called then and sent notes to each other and found the
> service to be fantastic! They sent when they felt like it and the person
> receiving read it when they had time. No-one ever commented on grammer.

Brian Buydens
Veterinary Electronic Data Specialist

Computing Services, University of Saskatchewan
email: Brian.Buydens@usask.ca
http://duke.usask.ca/~buydens
VE5RDV

There is nothing to it. You only have to hit the right notes at the
right time and the instrument plays itself.

- Johann Sebastian Bach

Date: Tue, 13 Aug 2002 11:04:28 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [132275] Re: OT RE: Smith Chart for Dummy's : punctuation for dummies
Message-ID: <5.1.0.14.1.20020813110154.00a5a530@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:52 AM 8/13/2002 -0600, you wrote:

>I promise not to criticize anyones grammar, grammer, gramma, or grampa.
>But I have one question: I seem to remember two nets ARPA and DARPA. I
>always assumed the 4 star general types would be using DARPA. Perhaps
>someone with a better memory than me can clear this up for me.

DARPA became ARPA, and so DARPAnet became ARPAnet. The D stood for Defense.
all I can figure is that they went on a clandestine mission and thought the
D would give them away. ARPA sounds more like a civilian agency. It's
camouflage applied to acronyms.

Dave

"You can fool some of the people all of the time. That's enough to make a
living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 13 Aug 2002 15:03:57 -0500
From: "tmyers" <tmyers@academicplanet.com>
To: <w8diz@fpqrp.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [132276] Re: Tuner for K1?
Message-ID: <002c01c24304\$90658e20\$0100a8c0@newkid>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Heck! I just made a W2DU balun on about 2 feet of Belden RG-58 and then hook it to twin lead that I'm using and the K1 has tuned everything I tried (folded dipole of 300 ohm TV lead with same for feed line and 102' dipole with 450 ohm ladder line feed). They both worked well, but I have no idea about the efficiency of the tuner. YMMV

Next I'm going to try making a ground plane with the vertical element about 40 feet long and 4 radials about 25' long each. Then feed it right from the BNC with hopes of tuning it on 40M thru 15M and being able to use it right from the tent. No feed line at all and #20 wire to keep the weight down. Report coming in a few days. We are having a welcome day of rain.

Terry, KQ5U
Spring, TX

----- Original Message -----

From: w8diz <w8diz@fpqrp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, August 13, 2002 09:12
Subject: Re: Tuner for K1?

> Hi John,
>
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> 1. As many turns of RG58 that I could get around a 4"x1/2"
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> on the loose end; then connect to 300/450/600 twin-lead.
> 2. Found a 1" feritite toroid, type 43 in my junque box;
> Wound 3 wires, 10 turns each (trifilar) and configured
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>
> The K1 autotuner could tune 20 and 40 meter to an SWR of 1.5:1

> or less with various dipole lengths, typically 20-50 feet
> on each leg.
>
> 72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
> Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
> SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
> FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>
>
> ----- Original Message -----
> From: "John Huffman" <hjohnc@core.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Tuesday, August 13, 2002 9:47 AM
> Subject: Tuner for K1?
>
>
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> Comments/advice appreciated.
>
> 73 de K8HJ
> John
>
>
>

Date: Tue, 13 Aug 2002 09:06:24 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Jim Cluett <w1pid@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132277] Re: Rock Mite Tonight
Message-ID: <Pine.LNX.4.33.0208130905550.28123-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Lord willin' and the rf creek don't rise, I'll be there again...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

On Tue, 13 Aug 2002, Jim Cluett wrote:

> Doug and Seab - Geez... OK 2:00 a.m. it is. I'll be
> there too. Jim w1pid@arrl.net
>
> -----
> Do You Yahoo!?
> HotJobs - Search Thousands of New Jobs
> <http://www.hotjobs.com>
>

Date: Tue, 13 Aug 2002 09:35:53 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Rod N0RC <rod@n0rc.us>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>,
<aa5jj@yahoo.com>
Subject: [132278] Re: QRP and Discourged
Message-ID: <Pine.LNX.4.44.0208130930310.2733-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Rod you just confused Wayne with buzz words and things that do happen but not always. In GENERAL, 40 meters is only good for very local contacts in the Summer. In the dead of winter expect to work Europe running QRP.

On Tue, 13 Aug 2002, Rod N0RC wrote:

> Karl, Wayne et.al
>
> ----- Original Message -----
> From: "Karl F. Larsen" <k5di@zianet.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

> Sent: Tuesday, August 13, 2002 6:03 AM
> Subject: Re: QRP and Discouraged
>
>
> >
> > Hi Wayne, your trying to do something against the Gods of propagation.
> > 40 meters is not open in the summer. You need to be on the highest
> ^^^
>
> This is far too simplistic of an answer, ignore it Wayne. Karl IF there
> was "no propagation" THEN how did Seab and I make so many contacts with
> our simple 500mW Rock-Mites!?!?!? Simply put 40m IS open during the

Your very close. You were looking for each other. You tried to
copy 229 signals as you both said.

> summer. But is affected by time of day, atmospheric conditions (storms
> create vast amount of static), current geomagnetic disturbances, short
> term solar flare events, local man-made noise, you antenna and it's
> orientation....probably a few things I've forgotten.
>
> I'll offer one word of advice, ignore simple absolute claims as offered
> above by Karl. The truth is usually more involved, as I elude to.
>
> Now on the problem. Wayne you didn't tell us anything about you antenna.
> All other things being equal (for the moment) tell us about your
> antenna: Type? Height above ground? Orientation? Type of feed line, coax
> or balanced? That should be enough for now.
>
> 73, Rod NØRC
>
>
>
>
>
>
>

--
Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Tue, 13 Aug 2002 08:49:42 -0700
From: "blinn" <blinn@smgazette.com>

To: <aa5jj@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [132279] Re: QRP and Discourged
Message-ID: <000f01c242e1\$1f346f00\$d18aa242@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wayne, you might try during the day when there are fewer stations on the air(If your schedule permits). I live in North Idaho and have found stations out there at high noon when the band seemed to be dead. Short range skip is common during daytime when using a dipole at less than optimum height (NVIS) and the results can be very rewarding in the form of clear band reception for us QRPers. For example, one day in January this year I worked a station about 35 miles north of my qth, next was a call from a station near the Canadian border... about 80 miles or so. The next two were near Seattle... all on my Tuna Tin 2 and a homebrew regen receiver and all one right after the other. No interference - QRN/QRM. (That's why it stands out in my memory.)

So, It can be done.. I have since added a scratch-built DC receiver, replacing the regen. And I'm using a home brew version of the TT2 which has Varactor tuning (about 2 khz) and muting. Output is less than 1/2 watt, so all contacts are exciting!

Keep trying and you'll find the magic is still there.

Regards - Bill - WA7TQK

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.365 / Virus Database: 202 - Release Date: 5/24/02

--

Date: Tue, 13 Aug 2002 09:58:30 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [132280] OT Spelling and punctuation and grammer
Message-ID: <Pine.LNX.4.44.0208130946190.2733-1000000@Daisy.dog>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

My outburst about spelling is unfounded and in error. There is no darn reason in the world for my e-mail not to be spelled exactly right because I have a good spelling software that comes with Linux called ispell which is the "International Spelling Dictionary".

All I need to do and will do from now on is press Ctrl-T before I press Ctrl-X and send the message. I use the e-mail software called Pine that's written by students at the University of Washington and it's the one used by many people who are part of the Internet.

So the grammar might be odd but each word will at least be from a Dictionary....:-)

Smith Chart for Dummy's. (My dictionary did not correct Dummy's)

--
Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Tue, 13 Aug 2002 10:03:20 -0600
From: Rod N0RC <rod@n0rc.us>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [132281] Re: [Re: QRP and Discourged]
Message-ID: <20020813160320.2091.qmail@uwdvg007.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Better confused than totally mis-informed.

R.

"Karl F. Larsen" <k5di@zianet.com> wrote:

> =

> Rod you just confused Wayne with buzz words and things that do =

> happen but not always. In GENERAL, 40 meters is only good for very loca=

1 =

> contacts in the Summer. In the dead of winter expect to work Europe =

> running QRP.

> =

> =

> On Tue, 13 Aug 2002, Rod N0RC wrote:

> =

> > Karl, Wayne et.al

> > =

> > ----- Original Message -----

> > From: "Karl F. Larsen" <k5di@zianet.com>

> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> > Sent: Tuesday, August 13, 2002 6:03 AM

> > Subject: Re: QRP and Discouraged

> > =

> > =

> > >

> > > Hi Wayne, your trying to do something against the Gods of propagati=

> > > on.

> > > 40 meters is not open in the summer. You need to be on the highest

> > > ^^^

> > > =

> > This is far too simplistic of an answer, ignore it Wayne. Karl IF the=

> > re

> > was "no propagation" THEN how did Seab and I make so many contacts wi=

> > th

> > our simple 500mW Rock-Mites!?!?!? Simply put 40m IS open during the

> > =

> Your very close. You were looking for each other. You tried to =

> copy 229 signals as you both said. =

> =

> =

> > summer. But is affected by time of day, atmospheric conditions (storm=

> > s

> > create vast amount of static), current geomagnetic disturbances, shor=

t
> > term solar flare events, local man-made noise, you antenna and it's
> > orientation....probably a few things I've forgotten.
> > =

> > I'll offer one word of advice, ignore simple absolute claims as offer=
ed
> > above by Karl. The truth is usually more involved, as I elude to.
> > =

> > Now on the problem. Wayne you didn't tell us anything about you anten=
na.
> > All other things being equal (for the moment) tell us about your
> > antenna: Type? Height above ground? Orientation? Type of feed line, c=
oax
> > or balanced? That should be enough for now.
> > =

> > 73, Rod NØRC
> > =

> > =

> > =

> > =

> > =

> > =

> =

> -- =

> Yours Truly,
> =

> - Karl F. Larsen, (505) 524-3303 -
> =

Date: Tue, 13 Aug 2002 12:13:23 EDT

From: Jspiker@aol.com
To: qrp-1@lehigh.edu
Subject: [132282] Re:%20QRP%20and%20Discouraged
Message-ID: <35.2b3a17e6.2a8a8a23@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 8/13/02 12:07:07 PM !!!First Boot!!!, k5di@zianet.com writes:

<< I am trying to run QRP with a OHR Explorer and am not
> having any luck I can hear others on the air weak but
> I can hear them I a have a kenwood TS690 with 100
> watts but I am wanting to get into the QRP field more,
>>

Hi Wayne....

I was camping last week in Central West Virginia and using a wire dipole and sometimes a random wire. Was always able to make contacts although not long distance. To make a long story short...my most memorial contacts were working one watt stations in NJ and IL. Those 100 watt stations were a peice of cake...but no challenge.

Keep up the efforts...you'll find the right combinations eventually. I like the qrp rigs because of the low battery drain etc....you just can't "sit around the campfire" and pull 20 amps like on the large rigs with a small battery pack. My QRP pulls about 1 amp on CW.

I use a tuner with little MFJ CW and SSB rigs. I've worked 25 states so far. Living in an apartment complex is tuff to operate out of but I've caught qrp'ers in St. Louis and Georgia. (one and two watt stations) I just got a card from a VA3 station in Ontario last week....my signal report was a 579 !!

I only operate 40 meters....It's not the most long distance band by any means but there is "always" someone there. Something very helpfull if your outdoors and in the middle of nowhere.

Hope you continue to experiment with the rig and antenna. To each thier own....but for me, QRP is the most exciting mode in Ham radio these days. I love to get out camping and hiking, sitting around the campfire, and watching the stars while talking to friends out on the trails.

Let me know if I can help you.

72's

John N8ZYA

Date: Tue, 13 Aug 2002 11:13:02 -0500
From: Karl Kanalz <kkanalz@gcecisp.com>
To: "'k5di@zianet.com'" <k5di@zianet.com>,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [132283] RE: Speling Chequers
Message-ID: <01C242BA.8B2C9420@KKANALZ>

Karl,
You should also be aware that your "spelling checker" will not, repeat, not uncover errors in grammar, such as "your" versus "you're" (you are) !
Simply using your Ctrl-T keys won't cure your errors!

You should have paid better attention in 6th grade English class!

Karl K - W8TIF
(The "real" Karl)
McKinney, Texas

-----Original Message-----
From: Karl F. Larsen [SMTP:k5di@zianet.com]
Sent: Tuesday, August 13, 2002 10:59 AM
To: Low Power Amateur Radio Discussion
Subject: OT Spelling and punctuation and grammer

My outburst about spelling is unfounded and in error. There is no darn reason in the world for my e-mail not to be spelled exactly right because I have a good spelling software that comes with Linux called ispell which is the "International Spelling Dictionary".

All I need to do and will do from now on is press Ctrl-T before I press Ctrl-X and send the message. I use the e-mail software called Pine that's written by students at the University of Washington and it's the one used by many people who are part of the Internet.

So the grammar might be odd but each word will at least be from a Dictionary....:-)

Smith Chart for Dummy's. (My dictionary did not correct Dummy's)

--
Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Tue, 13 Aug 2002 12:23:19 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [132284] P\$K31 software
Message-ID: <3D593277.B6A317CE@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Looking a bit more into the price structure of the MixW products.....you can order the product on a CD for an additional "fee" of \$17 + \$1 postage. I wonder if they personalize it. :)

Hamscope/Digipan it is.

73s,
--Alex (KR1ST)

Alex wrote:

> However, I do have reservations about the \$50 registration fee, though.

Date: Tue, 13 Aug 2002 09:25:26 -0700
From: "Ian Wilson" <ianmwilson@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [132285] Re: Speling Chequers
Message-ID: <007501c242e6\$086a7120\$0b02a8c0@trabucoserver>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A pet wish of mine is that all posters would remove "viola" from their spell checkers' dictionaries when what they really mean is "voila!"...

73 de ian, k3imw/6

Date: Tue, 13 Aug 2002 09:29:26 -0700
From: "Doug Hauff" <dhauff@digitalputty.com>
To: <qrp-1@lehigh.edu>
Subject: [132286] Mi Te Box, more info + Question!
Message-ID: <003801c242e6\$af82ee60\$91393442@fix.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

RE: RF gain control hole front or rear?

Geeze, evenly divided front & rear...how 'bout some more votes? SUBJECT line, pse...note that rf gain is usefull with QRM....

I am not set up with Paypal yet, will get it going this week, my webmaster is down fer a day or two...

Note to worry about availability, I will do two bars of mat'l, over a hundred boxes (I have had over EIGHTY responses! Wow!)

So let me know!

72, Doug KE6RIE

Date: Tue, 13 Aug 2002 12:28:50 -0400
From: David Hineran <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [132287] Re: OT Spelling and punctuation and grammer
Message-ID: <5.1.0.14.1.20020813122354.00a75e30@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:58 AM 8/13/2002 -0600, you wrote:

> So the grammar might be odd but each word will at least be from
>a Dictionary....:-)
>
> Smith Chart for Dummy's. (My dictionary did not correct Dummy's)

Karl,

Until somebody invents a spell checker that can catch my favorite misspelling ("form" instead of "from"), I won't trust any of them.

And Microsoft's grammar checker can just go on whining, because the stuff it suggests as a replacement makes even less sense than what I wrote. (If you can believe that.)

Now if you'll excuse me, I have some CSCE Forms to fill out... (grin)

Dave

"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 13 Aug 2002 09:33:51 -0700
From: "Doug Hauff" <dhauff@digitalputty.com>
To: <qrp-1@lehigh.edu>
Subject: [132288] Porta-Paddle price & shipping
Message-ID: <003901c242e7\$4c0882e0\$91393442@fix.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have shipped all I have assembled, just got another 40 unit's worth back from anodizer, will be shipping again this week...

The "Introductory Special" is about to end...as soon as my webmaster is up, it goes...so if you want the special price, mail in a check now, 'cause if you are waiting for Paypal, it will be too late! Special price good for postmark within 24 hours of announcement of end of special...

TNX & 72,

Doug KE6RIE

Date: Tue, 13 Aug 2002 09:30:14 -0700 (PDT)
From: Wayne AA5JJ <aa5jj@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [132289] QRP and discouraged ***NOT ANY MORE***
Message-ID: <20020813163014.46621.qmail@web10508.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well it happened I made a QRP contact last night with K2JQ Dick in NY we were both 119 hihi but made the contact then after that I made another one with WA00UR Norm in SD. so things are looking up here for QRP, I have been bit by the bug.

The station here is a B&W folded dipole at 35 FT. rig I was using last night was a OHR Explorer on 40 meters, I also have a OHR-100 on 30 meters. I am looking at building one of the Rock Mites not sure yet but thinking, Thanks for all the replys and help.

73 Wayne AA5JJ

Do You Yahoo!?
HotJobs - Search Thousands of New Jobs
<http://www.hotjobs.com>

Date: Tue, 13 Aug 2002 12:55:49 -0400
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132290] Re: Speling Chequers
Message-ID: <3D5901D5.17566.B1403@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 13 Aug 2002 at 9:25, Ian Wilson wrote:

> A pet wish of mine is that all posters would remove "viola" from their spell
> checkers' dictionaries when what they really mean is "voila!"...
>
> 73 de ian, k3imw/6
>
>
>

Beats the heck out of a spell checker that insists on "urethra" instead of

"Eureka."

--

/ \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
/ _/_ _/_ _/_ _/_ QRPARCI, NJQRP, ARQrp,GQRP,RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Tue, 13 Aug 2002 12:59:29 -0400
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [132291] Re: QRP and Discourged
Message-ID: <3D5902B1.22810.E6F45@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 13 Aug 2002 at 9:35, Karl F. Larsen wrote:

>
> Rod you just confused Wayne with buzz words and things that do
> happen but not always. In GENERAL, 40 meters is only good for very local
> contacts in the Summer. In the dead of winter expect to work Europe
> running QRP.

Even in the summer, I find it quite easy to work Europe on 40M QRP, late in the evening. Have also worked Australia with 4W, in August, at 4AM, on 40M.

So once again, Karl, you full of it.

--

/ \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
/ _/_ _/_ _/_ _/_ QRPARCI, NJQRP, ARQrp,GQRP,RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Tue, 13 Aug 2002 17:05:24 +0000
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [132292] OT: Hams in the News
Message-ID: <F262CyRo05QWIcmUPF5000164f5@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

<http://csmonitor.com/2002/0813/p13s01-legn.html>

More 'hams' in training for emergency response

By Aaron Bingham | Special to The Christian Science Monitor

When news of the attacks on the World Trade Center towers broke on Sept. 11, Charles Hargrove was already prepared for action.

...

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Tue, 13 Aug 2002 10:03:47 -0700

From: "Ian Wilson" <ianmwilson@earthlink.net>

To: <w2agn@w2agn.net>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [132293] Re: Speling Chequers

Message-ID: <[00af01c242eb\\$63e9a700\\$0b02a8c0@trabucoserver](mailto:00af01c242eb$63e9a700$0b02a8c0@trabucoserver)>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

This may cast an entirely new light on Archimedes' amazing discovery ...

----- Original Message -----

From: "W2AGN" <w2agn@w2agn.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, August 13, 2002 9:55 AM

Subject: Re: Speling Chequers

> On 13 Aug 2002 at 9:25, Ian Wilson wrote:

>

> > A pet wish of mine is that all posters would remove "viola" from their spell

> > checkers' dictionaries when what they really mean is "voila!"...

> >

> > 73 de ian, k3imw/6

> >

> >

> >

>

> Beats the heck out of a spell checker that insists on "urethra" instead of "Eureka."

>

>

> --

>

> /_ \ /_ \ /_ \ /_ \ /_ \ John L. Sielke

> (W)(2)(A)(G)(N) <http://www.w2agn.net>

> _ / _ / _ / _ / _ / QRP/ARCI, NJQRP, ARQrp,GQRP,RSGB

> Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Tue, 13 Aug 2002 13:05:49 -0400

From: "Robin Kidd" <robink@us.ibm.com>

To: qrp-l@lehigh.edu

Subject: [132294] Mobile Antenna Problems

Message-ID: <0F35886EA1.6AAF30EB-0N85256C14.005D79CE@boulder.ibm.com>

MIME-Version: 1.0

Content-type: text/plain; charset=us-ascii

Well, I seem to generate the OT questions on the list so here is another one. I have an MFJ-259B Analyzer that I put on my Hustler 20m mobile antenna. The SWR on 14200 is 1.6. The problem that I am having is that I can hear everyone great but when I transmit nobody can hear me. I tried getting a fellow ham locally to try listening for me but he could not hear me at all - he is just across town. I am running a IC-706MKIIG in a Ford Expedition with a Hustler 20m resonator mounted with a Diamond K-400 mount. I have checked the radio ground and the antenna ground and they "seem" to Ok. Any help would be appreciated.

Regards,

Robin J. Kidd
KG4RSQ

Remember, the Ark was created by inspired amateurs but the Titanic was created by professionals...

kg4rsq@arrl.net

Date: Tue, 13 Aug 2002 11:33:08 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Robin Kidd <robink@us.ibm.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132295] Re: Mobile Antenna Problems
Message-ID: <Pine.LNX.4.44.0208131128490.3144-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Robin, again I say, as I said a few days ago, that the antenna mount on the rear door of your car may be at fault. It's very possible that the rear door is very well insulated for dirt entry but not connected to the rest of the car.

On Tue, 13 Aug 2002, Robin Kidd wrote:

> Well, I seem to generate the OT questions on the list so here is another
> one. I have an MFJ-259B Analyzer that I put on my Hustler 20m mobile
> antenna. The SWR on 14200 is 1.6. The problem that I am having is that I
> can hear everyone great but when I transmit nobody can hear me. I tried
> getting a fellow ham locally to try listening for me but he could not hear
> me at all - he is just across town. I am running a IC-706MKIIG in a Ford
> Expedition with a Hustler 20m resonator mounted with a Diamond K-400 mount.
> I have checked the radio ground and the antenna ground and they "seem" to
> Ok. Any help would be appreciated.

>
> Regards,
>
> Robin J. Kidd
> KG4RSQ
>

> Remember, the Ark was created by inspired amateurs but the Titanic was
> created by professionals...

>
> kg4rsq@arrl.net
>
>
>

--

Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Tue, 13 Aug 2002 18:02:08 GMT
From: na5n@zianet.com
To: k5di@zianet.com
Cc: qrp-1@lehigh.edu
Subject: [132296] Re: QRP and Discouraged
Message-ID: <20020813180208.3669.qmail@zianet.com>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"

Karl F. Larsen writes:

> Rod you just confused Wayne with buzz words and things that do
> happen but not always. In GENERAL, 40 meters is only good for very local
> contacts in the Summer. In the dead of winter expect to work Europe
> running QRP.

Karl, et. al.,

I'm not sure I agree with this GENERAL statement. I am a night owl, and the vast majority of my QSO's are usually conducted on 40M CW following the 10pm news. I get on an average of 2-3 times a week, 100% QRP, using either my FT-817, 2020, or some rig I'm building. From New Mexico, I regularly work the entire country, from one coast to the other. Some nights are duds ... just nobody to work; other nights, the night owls along the east coast and Canada are also on and QSO's are plentiful. I have QSO'd LOTS of guys from this very list on 40M CW in the evenings, and they are running everything from K1's, K2's, FT817's, etc. to Tuna Tin 2's, SMK-1's, etc. (i.e., a range of power from 5W to 200mW). I've worked many Cubans, a bunch who come on around midnight (2am Havana time - something I've never figured out), and most of them are running QRP. True DX is rare, although an occassional JA or ZL happens, but certainly no real limitation on working a QRO or QRP station in North America.

There will be nights where night time propagation is poor on 40M, due mostly to minor geomagnetic storming, which basically means QRP signals are getting gobbled up in the noise. So do the QRO signals. This time of the year, lots of QRN can be present due to thunderstorms as well. But even those are pretty well over by 8-9pm on a stormy night. This tends to make 40M much noisier in the summer, and thus quieter in the winter, as you pointed out. But it does not make the band useless in the summer.

Folks, there are just gonna be times where you get on the air and just

can't raise anybody. Times where you tune up and down the band and nobody seems to be on. It's frustrating, but it happens. With 5W QRP and a fairly decent antenna, you should be able to have QSO's on 30/40M CW in the evening most of the time. A simple tuned half-wave antenna up as high as you can get it (30 feet or more) is a great starting place. Short antennas, end-fed gizmo's, wet-noodles in the attic will all work, but never with the efficiency of a good old dipole. I've been very happy with my G5RV (except lousy on 30M).

And one last 40M hint ... if you can't find someone to talk to or answer your CQ, then for Pete's sake, get away from 7040 for awhile. Discover the 7050-7060 region (often QRS folks), or the great guys to QSO around 7025-7040. You'll be surprised how many are also QRP. QRP is NOT just 7.040 MHz.

72, Paul NA5N

Date: Tue, 13 Aug 2002 13:54:28 EDT
From: Wa4aos@aol.com
To: qrp-1@lehigh.edu
Subject: [132297] Re:PC Based RF Spectrum Analyzer???
Message-ID: <ba.2a5e20f7.2a8aa1d4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi,

Does anyone know of a PC Based RF Spectrum Analyzer device. I know about products such as Pro Audio, Spectra Pro and other Audio Analyzers that use sound cards and are reasonably good for general audio work. What I am looking for is a product that incorporates the front-end of an RF Spectrum Analyzer and uses the PC as the graphical interface. Advantages should be lower cost and better manipulation of data and graphics. I need this animal to go to at least 65 MHz with reasonably good accuracy. Any thoughts???

73,
Glenn WA4AOS

Date: Tue, 13 Aug 2002 14:02:16 -0400
From: "ss lyon" <sslyon@megalink.net>
To: "chat qrp" <qrp-1@lehigh.edu>
Subject: [132298] Rock Mite tonite?
Message-ID: <00fb01c242f3\$8f6bfba0\$aac7e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'll try to keep awake until midnite based on experience of seeing the band go long, working AK7Y (AZ) and hearing NB6M and VE5RC. Callers to Rock Mites are advised to get as close to freq as possible and if it's marginal, do 3-4 repeats of call, RST, SPC. Speed over 20 wpm suffers from QRN. Thanks to all for their tries last nite under bad local condx.

I haven't had time to do any packaging of the station, but if you want to laugh at the lash-up used for this expedition, see N0RC's web page at:
<http://www.radioactivehams.com/~n0rc/rm/#rp> . It shows RM, KD1JV Filter, Z-Match, PC 'Field Key', and Tick Keyer in "exploded view", to put it... kindly. (ok, you neatnick O.C.D's, -esp. Doug, I'm SURE you put that frog back together in Ms Collins's 8th grade science class too, right?) Just consider this an attempt at the 'minimalist' approach... in the Organization category.

72

"Seab" Lyon - AA1MY
Bethel, ME 04217 USA
N 44.3890 - W 70.8450
FN44nj aa1my@arrl.net

Date: Tue, 13 Aug 2002 18:04:10 GMT
From: Thomas Jennings <jennings@eznet.net>
To: qrp-1@lehigh.edu
Subject: [132299] Micro fuel cells are said to offer energy densities of 1,000 watt-hour per kilogram...
Message-ID: <20020813180410.3369.qmail@eznet.net>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"

Gang,
This is an EE Times article about fuel cells coming to market soon.
See:

<http://www.eetimes.com/story/OEG20020809S0044>

73,
Tom kv2x

Date: Tue, 13 Aug 2002 11:04:03 -0700 (PDT)
From: Wayne AA5JJ <aa5jj@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132300] Any one around ?
Message-ID: <20020813180403.98088.qmail@web10503.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello anyone around that wants to try a contact on 20,
30 or 40 meters CW ?
reply back and we can give it a shot QRP.

73 Wayne AA5JJ

Do You Yahoo!?
HotJobs - Search Thousands of New Jobs
<http://www.hotjobs.com>

Date: Tue, 13 Aug 2002 11:40:40 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: David Hinerman <WD8CIV@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132301] Re: OT Spelling and punctuation and grammer
Message-ID: <Pine.LNX.4.44.0208131136460.3144-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 13 Aug 2002, David Hinerman wrote:

> At 09:58 AM 8/13/2002 -0600, you wrote:
> > So the grammar might be odd but each word will at least be from
> >a Dictionary....:-)
> >
> > Smith Chart for Dummy's. (My dictionary did not correct Dummy's)
>
> Karl,

ARRL Handbook, with an orange cover.

If you do have such a beast, would you look inside and see if it has a data sheet or application notes for the dual JFET (the part number escapes me, but I'm pretty sure it was an LM number, not a 2N) that National used to sell?

Dave

"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 13 Aug 2002 10:28:55 -0500
From: "George, W5YR" <w5yr@att.net>
To: n3aaz-qrp@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [132303] Re: 88 foot dipole >?<
Message-ID: <3D5925B7.CA67A8E4@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On 20 meters it is 1.25 wavelengths long. This length gives a theoretical 3-dB gain over a dipole in the same location fed with the same power. It also tunes readily from 80 through 10 meters and provides gain on 40 meters up compared to a dipole.

It is of a non-resonant length on any ham band, so extremes in line input impedance are not as great as with resonant lengths, such as 66 ft for 40 meters or 135 ft for 80 meters. Thus, it can be far easier to load on several bands than so-called "resonant" antennas.

It is well known that resonance conveys no benefit to the antenna's radiation performance, so nothing is lost in that regard.

All in all, it is a neat antenna that works well on several bands. I have two of them up about 35 feet in a cross configuration so that I can change the lobe directions with the flip of a switch.

73/72/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!

QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

John R Kirby wrote:

>
> Regardless of feeder length and type . . .
>
> What is magic about an 88 foot 'dipole' fed in the center?

Date: Tue, 13 Aug 2002 14:28:13 -0400
From: "ss lyon" <sslyon@megalink.net>
To: <aa5jj@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [132304] Re: QRP and Discourged
Message-ID: <028e01c242f7\$2f72c040\$aac7e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'll try 20m 14.061 later this PM when I get back from town, Wayne... 4-ish
local, 20:00 UTC
73

"Seab" Lyon - AA1MY
Bethel, ME 04217 USA
N 44.3890 - W 70.8450
FN44nj aa1my@arrl.net

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

----- Original Message -----

From: "Wayne AA5JJ" <aa5jj@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, August 13, 2002 1:03 AM
Subject: QRP and Discourged

> I am trying to run QRP with a OHR Explorer and am not
> having any luck I can hear others on the air weak but
> I can hear them I a have a kenwood TS690 with 100

> watts but I am wanting to get into the QRP field more,
> there was one station that just cleared off with
> another station and I called him and noticed another
> station was calling him at the same time well the
> station that we were both calling said QRM QRM de
> n3abc try again so again we both ended up calling him
> again at the same time and He replied again QRM QRM
> please try again so this time I didn't call him and
> the other guy got him, yes I did the right thing by
> backing off even if the other guy didn't.....but
> was I the one that was causing the QRM or was he
> hearing me at all ?? beats me hihi. Now that all this
> is said I need someone to get on freq with me and see
> if this my antenna is working with QRP, it seems to
> work fine with 100 watts but not sure about QRP. Who
> wants to volunteer to make a contact QRP with me.

>
> Thanks for reading God bless
> Wayne AA5JJ

> PS FREQ 7.040

> -----
> Do You Yahoo!?
> HotJobs - Search Thousands of New Jobs
> <http://www.hotjobs.com>

Date: Tue, 13 Aug 2002 14:34:03 -0400 (EDT)
From: Chris Cartwright <ccart@phideaux.com>
To: QRPL List <qrp-l@lehigh.edu>
Subject: [132305] Re: Question - keys mobile
Message-ID: <Pine.LNX.4.33.0208131429190.22808-1000000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 12 Aug 2002, Charles Mabbott wrote:

> I am looking for key in the car. Opinions straight key or iambic?

I use a Whiterook paddle (<\$20) attached to a clipboard. The clipboard is strapped to the console of my truck and also holds the log. I've heard of others that attach them to a small scrap of masonite and wedge it in the

seat beside them. FWIW, I'm sold on the Whiterooks paddles, but they
HAVE to be attached to something unless you want to chase them all over.

-- Chris Cartwright, Unix Administrator | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363 FM29as --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Tue, 13 Aug 2002 11:00:47 -0700
From: "johngabbard" <johngabbard@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [132306] tokyo hi-power manual for HC-100?
Message-ID: <00be01c242f3\$5aa19420\$d4811c0c@juanita>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good morning gents, I have a manual for this tuner but it is printed in
Japanese...I have no trouble using it but I wanted to readjust the meter to
make sure of the accuracy of the 20 watt scale, there are 4 points to adjust
and some interlock...TIA 72 john KF70M

Date: Tue, 13 Aug 2002 14:35:22 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [132307] Fuel cells march > mainstream: 6X - 9X energy density of Li
batt
Message-ID: <5.1.1.6.2.20020813143159.00acb330@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

See: <<http://www.eetimes.com/story/0EG20020809S0044>> .

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Tue, 13 Aug 2002 14:09:51 -0500
From: "George, W5YR" <w5yr@att.net>
To: robink@us.ibm.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132308] Re: Mobile Antenna Problems
Message-ID: <3D59597F.2BF64EF9@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Robin, 1.6:1 SWR for a mobile installation is very good, assuming that your analyzer is correct. You need to tell us more about how you are concluding that "nobody can hear me."

Are you sure that you are transmitting on the same frequency as you are listening. I assume that you are talking about 100 watts on SSB. Do you have a split VFO setup so that you are not talking and listening on the same frequency?

I doubt that your antenna is the problem . . .

73/72/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Robin Kidd wrote:

>

> Well, I seem to generate the OT questions on the list so here is another
> one. I have an MFJ-259B Analyzer that I put on my Hustler 20m mobile
> antenna. The SWR on 14200 is 1.6. The problem that I am having is that I
> can hear everyone great but when I transmit nobody can hear me. I tried
> getting a fellow ham locally to try listening for me but he could not hear
> me at all - he is just across town. I am running a IC-706MKIIG in a Ford
> Expedition with a Hustler 20m resonator mounted with a Diamond K-400 mount.

> I have checked the radio ground and the antenna ground and they "seem" to
> Ok. Any help would be appreciated.

Date: Tue, 13 Aug 2002 15:07:56 -0700
From: "Dave Benson" <nn1g@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [132309] Re: Mobile Antenna Problems
Message-ID: <00ac01c24315\$e19667e0\$94bf3a41@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>>

Hi Robin, again I say, as I said a few days ago, that the antenna mount on the rear door of your car may be at fault. It's very possible that the rear door is very well insulated for dirt entry but not connected to the rest of the car.

<<

I can't picture a Hustler mounted on the rear door of a car, but then again, if the door's not connected to the car, Robin's got bigger problems to worry about anyway.

Seriously, sounds like time for solid metal-to-metal contact both at the antenna mount-to-door interface and door-to-frame. There must be someone on this list who can offer specific suggestions.

/ For an eight-foot whip on 20 meters and worked against an ideal ground, the radiation resistance is on the order of 10-12 ohms. That's the part that's doing the useful work, i.e., radiating. [The Hustler's a good start- it's made of fairly robust hunks of stuff to keep the whip efficiency decent.]

Robin- you mentioned having an SWR of 1.6:1. If there were no other resistances in the antenna system, you'd expect to see an SWR of 4:1-5.1. The low (and ostensibly reasonable) SWR reading you're seeing is the result of other losses in the system. They're actually swamping the radiation resistance and the result is poor radiating efficiency. [It seems counter-intuitive, but reducing the other losses will cause the SWR to rise. For this situation, it means that SWR alone is a poor indicator of how well the antenna system is doing.]

73- Dave Benson, K1SWL

Date: Tue, 13 Aug 2002 11:08:59 -0800
From: Jim Larsen - AL7FS <AL7FS@arrl.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [132310] Re: OT Spelling
Message-ID: <3D59594B.36E1D2E0@ARRL.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

wrote:

I have a good spelling software that comes with Linux
called ispell which is the "International Spelling Dictionary".
=====

I usually try to avoid OTs but what the heck...

With possible exception of the foreign words on different checkers run this
bit of typing through your spell checker and see how you do. It made me
laugh and it reminded me why it still pays to read what you write before
you send it.

Spell Checker Poem

Eye halve a spelling chequer
It came with my pea sea
It plainly marques four my revue
Miss steaks eye kin knot sea.

Eye strike a key and type a word
And weight four it two say
Weather eye am wrong oar write
It shows me strait a weigh.

As soon as a mist ache is maid
It nose bee fore two long
And eye can put the error rite
Its rare lea ever wrong.

Eye have run this poem threw it
I am shore your pleased two no
Its letter perfect awl the weigh
My chequer tolled me sew.

-Sauce unknown

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
ex-WA0LPK AK-QRP#003 SOC#003 10-X-#12094
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

Date: Tue, 13 Aug 2002 15:12:56 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [132311] OT: Radio History in Stamps!
Message-ID: <3D595A38.1E262CD2@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In the Sept 2002 Discover magazine, "Letters" column (p. 8), there is a graphic at the top of the page of stamps celebrating "Progress in Electronics" showing a spark coil, DeForest Audions, radio tubes, etc. These stamps were issued in 1973, and apparently came from the collection of Maiken Naylor. Dr. Naylor has a website at the University of Buffalo with the history of science in stamps sectioned into topics. Note the section on "Electromagnetic spectrum" where you can view stamps of Franklin, Hertz, and Marconi, among others.
URL <http://ublib.buffalo.edu/libraries/units/sel/exhibits/stamps>

Would make dandy decorations on qsl cards!

73

Ken KG4FGC

Date: Tue, 13 Aug 2002 14:13:56 -0500
From: "George, W5YR" <w5yr@att.net>

To: buydens@duke.usask.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [132312] Re: OT RE: Smith Chart for Dummy's : punctuation for dummies
Message-ID: <3D595A74.55545396@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The original forerunner to the Internet was called ARPANET. It was funded and supported by ARPA, the Advanced Research Project Agency. Somewhere down the line, it was renamed the Defense Advanced Research Project Agency or DARPA for short.

73/72/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

"Brian.Buydens@usask.ca" wrote:

>
> I promise not to criticize anyones grammar, grammer, gramma, or grampa.
> But I have one question: I seem to remember two nets ARPA and DARPA. I
> always assumed the 4 star general types would be using DARPA. Perhaps
> someone with a better memory than me can clear this up for me.
>
> Thanks.

Date: Tue, 13 Aug 2002 15:42:22 -0400
From: "Lee Mairs" <lmairs@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [132313] Re: QRP and Discourged
Message-ID: <008e01c24301\$8b8ae880\$e91df7a5@isp7000>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've been trying to get a PSK20 setup with this laptop while on vacation on Long Island. I need somebody to examine my signal and give me some suggestions. I've only been able to start a qso twice in the past week answering another CQ.

Anybody in the vicinity of Babylon, NY available for a test?
73 de Lee

KM4YY

We have rudiments of reverence for the human body, but we consider as
nothing
the rape of the human mind.
--Eric Hoffer

Date: Tue, 13 Aug 2002 12:48:45 -0700
From: "Mike Currie - K7AZZ" <K7AZZ@arrl.net>
To: <qrp-l@lehigh.edu>
Subject: [132314] WTB: Rainbow Tuner
Message-ID: <FPEDLMIPEPEOKMMANFJJIEADJAA.K7AZZ@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

New ham and QRP'er looking for a NJQRP Rainbow Tuner. Unbuilt kit or
completed is OK.

If you have one that is excess to your needs, please reply directly to
K7AZZ@arrl.net so we don't clog up the bandwidth.

73 Mike K7AZZ

Date: Tue, 13 Aug 2002 13:50:55 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Nick Kennedy <nkennedy@tcainternet.com>
Cc: qrp-l@lehigh.edu
Subject: [132315] Apology
Message-ID: <Pine.LNX.4.44.0208131348580.3144-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I offer a total apology to Nick Kennedy for this message and in
particular the the last paragraph. The part about me being mad is accurate
and the part about Nick is ridiculous. Nick was in fun showing me that

Dummy's is incorrect and I should use Dummies. Looking at what Jeff was saying his paper IS spelled by him "Smith Charts for Dummies".

Subject: RE: Smith Chart for Dummy's : punctuation for dummies

As I have said before, my spelling is not good now, and has never been good. I don't type real fast either and am not very accurate at that either.

So please accept this apology Nick and I will do the best I can to spell better and type with more accuracy, and use better grammar.

--

Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Tue, 13 Aug 2002 19:52:54 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: Wa4aos@aol.com, qrp-1@lehigh.edu
Subject: [132316] Re:PC Based RF Spectrum Analyzer???
Message-ID: <F4rAvln7NFet6GmxGx00000b9c1@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: Wa4aos@aol.com
>Reply-To: Wa4aos@aol.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re:PC Based RF Spectrum Analyzer???
>Date: Tue, 13 Aug 2002 13:54:28 EDT
>
>Hi,
>
>Does anyone know of a PC Based RF Spectrum Analyzer device. I know about
>products such as Pro Audio, Spectra Pro and other Audio Analyzers that use
>sound cards and are reasonably good for general audio work.
>What I am looking for is a product that incorporates the front-end of an RF
>Spectrum Analyzer and uses the PC as the graphical interface. Advantages
>should be lower cost and better manipulation of data and graphics. I need

>this animal to go to at least 65 MHz with reasonably good accuracy. Any
>thoughts???

>

>73,

>Glenn WA4AOS

There are spectrum analysers that use an ordinary scope for display, Thandar in the UK makes one. It could be used with a PC with a scope attachment (basically an ADC) such as those sold by Pico. This setup won't be all that cheap; I think the Thandar unit is over 1000 UK pounds. The Pico systems are quite inexpensive, though, and could be used with a simple home-made SA, based on a TV tuner.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790

Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

Join the world s largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Tue, 13 Aug 2002 19:52:57 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: Wa4aos@aol.com, qrp-1@lehigh.edu
Subject: [132317] Re:PC Based RF Spectrum Analyzer???

Message-ID: <F78JsJ06jFSXEFTTr3AR000091ad@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: Wa4aos@aol.com
>Reply-To: Wa4aos@aol.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re:PC Based RF Spectrum Analyzer???

>Date: Tue, 13 Aug 2002 13:54:28 EDT

>

>Hi,

>

>Does anyone know of a PC Based RF Spectrum Analyzer device. I know about

>products such as Pro Audio, Spectra Pro and other Audio Analyzers that use
>sound cards and are reasonably good for general audio work.
>What I am looking for is a product that incorporates the front-end of an RF
>Spectrum Analyzer and uses the PC as the graphical interface. Advantages
>should be lower cost and better manipulation of data and graphics. I need
>this animal to go to at least 65 MHz with reasonably good accuracy. Any
>thoughts???

>

>73,

>Glenn WA4AOS

There are spectrum analysers that use an ordinary scope for display, Thandar in the UK makes one. It could be used with a PC with a scope attachment (basically an ADC) such as those sold by Pico. This setup won't be all that cheap; I think the Thandar unit is over 1000 UK pounds. The Pico systems are quite inexpensive, though, and could be used with a simple home-made SA, based on a TV tuner.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790

Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Tue, 13 Aug 2002 12:50:50 -0700

From: "blinn" <blinn@smgazette.com>

To: <k5di@zianet.com>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [132318] Re: OT Spelling and punctuation and grammer

Message-ID: <000a01c24302\$baa89080\$708aa242@blinn>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Karl. It sounds like you have a great set up there with Linux, with the spell checker and all. A lot of us depend on a spell checker of some sort. Without it I wouldn't know if I misspelled a word or not, sometimes it makes me feel kind of foolish too. It seems the older I get the harder it is to

remember whether it was an a or an o, etc. :)

As far as catching the "Dummy's" type of errors, I'm afraid spell checkers leave us all out in the cold because it assumes (if that's possible) that you meant to be possessive in your usage in that it was Dummy who made the error in the first place! Therefore, "Dummy's" is correct.

In regard to 40 meter propagation, I'm afraid I didn't know that it doesn't work during the summer months. So... my apologies to all those guys who answered my quarter-watt CQ on 40 in recent days.

So.. Karl, don't let the dissenters wear you down, keep up the vigil.

And.. most important, keep on a grinnin'.

Bill - WA7TQK

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.365 / Virus Database: 202 - Release Date: 5/24/02

--

Date: Tue, 13 Aug 2002 13:54:16 -0400

From: W2AGN <w2agn@w2agn.net>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [132319] Re: QRP and Discourged

Message-ID: <3D590F88.27000.40998B@localhost>

MIME-version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Content-description: Mail message body

On 13 Aug 2002 at 12:59, W2AGN wrote:

> On 13 Aug 2002 at 9:35, Karl F. Larsen wrote:

>

> >

> > Rod you just confused Wayne with buzz words and things that do

> > happen but not always. In GENERAL, 40 meters is only good for very local

> > contacts in the Summer. In the dead of winter expect to work Europe

> > running QRP.

>
> Even in the summer, I find it quite easy to work Europe on 40M QRP, late in the evening. Have also worked Australia with 4W, in August, at 4AM, on 40M.
>
> So once again, Karl, you full of it.

Incidentally, those contacts are with a 40M dipole, up 35 feet, and the Argonaut II. The secret?

Always make sure you have the ear wax cleaned out of your ears so you can hear the weak signals.

--

/ \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_ / _ / _ / _ / _ / QRP/ARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Tue, 13 Aug 2002 15:58:01 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [132320] Re: old National Semi databook
Message-ID: <5.1.0.14.1.20020813155604.00a72ae0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Thomas,

Thanks! But after corresponding with another list member I suspect the article in question is actually from the Linear Applications Manual from the same era - it was a little blue book similar to National's more recent publications. (More recent = 1980s and 90s.)

Dave

At 12:44 PM 8/13/2002 -0700, you wrote:
>David,
>
>I have the National manual at home and I am familiar with
>the article which you are seeking.
>
>If someone doesn't beat me to it, I'll pull the article out
>tonight and we can arrange to get a copy to you.
>
>Regards, Thomas - AC7A (Tucson)

>
>On Tue, 13 Aug 2002 13:58:36 -0400
> David Hinerman <WD8CIV@worldnet.att.net> wrote:
> > Folks,
> >
> > Does anyone have an old (i.e. late 1970's) National
> > Semiconductor analog components (or maybe it was called
> > linear components) data book? Radio Shack sold these at
> > the time. They were about the size of the paperback ARRL
> > Handbook, with an orange cover.
> >
> > If you do have such a beast, would you look inside and
> > see if it has a data sheet or application notes for the
> > dual JFET (the part number escapes me, but I'm pretty
> > sure it was an LM number, not a 2N) that National used to
> > sell?
> >
> > Dave
> >
> > -----
> > "You can fool some of the people all of the time. That's
> > enough to make a living." - Lance Burton
> > -----
> > Dave Hinerman
> > WD8CIV@worldnet.att.net
> >

"You can fool some of the people all of the time. That's enough to make a
living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 13 Aug 2002 00:47:30 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-l@lehigh.edu>
Subject: [132321] NorCal 30 to debut at QRPacificon
Message-ID: <00bc01c2429d\$b0405520\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, the prototype for the NorCal 30 has passed all preliminary tests and is now at the board layout stage. We will introduce it to the world at QRPacificon. Hope to see you there. It is a full featured 30 meter Transceiver with some neat specs. More details later. 72, Doug

Date: Tue, 13 Aug 2002 14:02:44 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: na5n@zianet.com
Cc: qrp-l@lehigh.edu
Subject: [132322] Re: QRP and Discouraged
Message-ID: <Pine.LNX.4.44.0208131400000.3599-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

After 10pm news I go to sleep and wake up about 5am every day.
40 meters may be open at that hour but it's not interesting to me.

On Tue, 13 Aug 2002 na5n@zianet.com wrote:

> Karl F. Larsen writes:
> > Rod you just confused Wayne with buzz words and things that do
> > happen but not always. In GENERAL, 40 meters is only good for very local
> > contacts in the Summer. In the dead of winter expect to work Europe
> > running QRP.
>
> Karl, et. al.,
> I'm not sure I agree with this GENERAL statement. I am a night owl, and
> the vast majority of my QSO's are usually conducted on 40M CW following
> the 10pm news. I get on an average of 2-3 times a week, 100% QRP, using
> either my FT-817, 2020, or some rig I'm building. From New Mexico, I
> regularly work the entire country, from one coast to the other. Some
>
> 72, Paul NA5N

--
Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Tue, 13 Aug 2002 13:01:53 -0700
From: "Bert Herald" <wf7i@hotmail.com>

To: qrp-1@lehigh.edu
Subject: [132323] Hand-crank power for QRP
Message-ID: <F112r9jNGaJ8y4ERof800007959@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I have seen a number of these solar and hand-crank powered radios at the mall at places like the Discovery Channel Store and the Nature Company. I was wondering if anyone has found a way to purchase the hand crank electrical power system used in those radios and incorporate into a QRP radio? If so who is the supplier for these and what do they cost? And how many amp-hours can you get out of a lot of crankin'?

Please email me directly, wf7i@hotmail.com

Tnx, Bert

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Tue, 13 Aug 2002 16:13:25 -0400
From: "Randy Randall" <RANDALLR@healthall.com>
To: <wf7i@hotmail.com>, <qrp-1@lehigh.edu>
Subject: [132324] Re: Hand-crank power for QRP
Message-ID: <sd593039.053@jhs_izar.healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

The output of the small DC motor used as a generator is only 3V @ 30 MA.

Might be good for QRPp, to power a receiver, or to maybe charge a few nicad batteries. I have one of the flashlights made by Baygen. It uses the generator to charge the internal nicad. You get 1.5 min of light for every full winding of the spring. OK if nothing else is available, but that is all.

Randy KB8AS0

>>> "Bert Herald" <wf7i@hotmail.com> 08/13/02 04:01PM >>>

I have seen a number of these solar and hand-crank powered radios at

the
mall at places like the Discovery Channel Store and the Nature Company.

I
was wondering if anyone has found a way to purchase the hand crank
electrical power system used in those radios and incorporate into a QRP

radio? If so who is the supplier for these and what do they cost? And
how
many amp-hours can you get out of a lot of crankin'?

Please email me directly, wf7i@hotmail.com

Tnx, Bert

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Tue, 13 Aug 2002 16:16:01 -0400
From: "Steve Lawrence" <Steve.Lawrence@itwfeg.com>
To: kwike@gdls.com
Cc: qrp-1@lehigh.edu
Subject: [132325] Re: LED Lights for QRP field ops
Message-ID: <0F03538809.84BE06B8-ON85256C14.006C817C-85256C14.006F541F@itwfeg.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ed,
Check into a couple of the white LED head lamps marketed to the
backpacking crowd. These run on 3 x AAA cells and advertise life at
something like 50 - 150 hours per battery set. "Bulb" life (actually LED
life) is in the ten's of thousands of hours. While I can't vouch for the
150 hours on a set of batteries (I haven't used them that long) I can say
they are *very long lived*. The light, while bright, is diffused -- not
the focused beam of a typical flashlight or Maglight.

I currently own two. As a backpacker, and former mini-Maglight user, I
will never go back to traditional incandescent -- battery hungry, bulb
busting -- lighting. These LED headlamps are small (2 - 3 oz) and are
"just right" for task lighting associated with field operations.

My favorite is the PrincetonTec Aurora, which can be found at their web
site by digging around under "What's New"... This light has 3
brightnesses, plus 2 flashing settings (emergencies?)...

<http://www.princetontec.com/>

My other light, similar, is also very good. Check out the Petzl Tikka

<http://www.petzl.com/petzl/publicFamille?id=LAMP&rub=sport>

Either of these are "perfect" in my not so humble opinion for field operations. (Usual disclaimer... no interest... etc., just a happy customer!)

73,
Steve
aa8af

kwike@gdls.com
Sent by: owner-qrp-1@Lehigh.EDU
08/12/2002 05:07 PM
Please respond to kwike

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc:
Subject: LED Lights for QRP field ops

I had a great time this weekend camping and qrping. I used the back of the XLYs Astro van as a op position. It worked out well. There was one minor glitch. I did not want to use the vans interior lights when operating at night. They can kill the vehicle battery pretty quick. I used a candle lantern which had drawbacks. It was hot and it was too warm in the van as it was. I could not mount it safely were it could provide enough light at the op position and not burn up the vans headliner. There has been over the years discussions on LED lights for QRPers and I never paid much attention. I searched the archives and found several references but not what I wanted. Does anyone have a lighting approach using LEDs powered by the 12 VDC gel cells I use to power my rigs?

Ed AB8DF

Date: Tue, 13 Aug 2002 13:23:10 -0700
From: "Ian Wilson" <ianmwilson@earthlink.net>
To: <Wa4aos@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [132326] Re:PC Based RF Spectrum Analyzer???
Message-ID: <00fb01c24307\$3e616ec0\$0b02a8c0@trabucoserver>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Found this link. Don't know its current status:
http://www.picotech.com/pc_oscilloscope.html

No alliance, etc, etc.

de ian k3imw/6

----- Original Message -----

From: <Wa4aos@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, August 13, 2002 10:54 AM
Subject: Re:PC Based RF Spectrum Analyzer???

> Hi,
>
> Does anyone know of a PC Based RF Spectrum Analyzer device. I know about
> products such as Pro Audio, Spectra Pro and other Audio Analyzers that use
> sound cards and are reasonably good for general audio work.
> What I am looking for is a product that incorporates the front-end of an
RF
> Spectrum Analyzer and uses the PC as the graphical interface. Advantages
> should be lower cost and better manipulation of data and graphics. I need
> this animal to go to at least 65 MHz with reasonably good accuracy. Any
> thoughts???
>
> 73,
> Glenn WA4AOS

Date: Tue, 13 Aug 2002 16:43:40 -0400 (EDT)

From: "n2cx" <n2cx@voicenet.com>
To: qrp-1@lehigh.edu
Cc: WD8CIV@worldnet.att.ne
Subject: [132327] Re: old National Semi databook
Message-ID: <200208132043.g7DKheel028433@email2.voicenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Dave,

My old yellowed Nat Semi JFET book lists an NPD8301/03/03
dual JFET in an 8-pin minidip. Xreferences to a whole buch of
2NXXXX, U2xx and U4XX numbers.

Not sure if that'w what you mean, but I can fax the D/S if it
looks right.

72/73,
Joe E.

You queried:

Folks,

Does anyone have an old (i.e. late 1970's) National Semiconductor analog
components (or maybe it was called linear components) data book? Radio
Shack sold these at the time. They were about the size of the paperback
ARRL Handbook, with an orange cover.

If you do have such a beast, would you look inside and see if it has a data
sheet or application notes for the dual JFET (the part number escapes me,
but I'm pretty sure it was an LM number, not a 2N) that National used to sell?

Dave

Date: Tue, 13 Aug 2002 13:46:24 -0700
From: "John K7TY" <k7ty@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [132328] RE: Hand-crank power for QRP
Message-ID: <LEELJDELBI LCKENAHGIOCEECHIAA.k7ty@arrl.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

I'm not sure if they unbundle the crank mechanism but the source is usually FreePlay.

<http://www.freeplay.net/>

They have a new 4-band crank/solar/battery radio called the Summit. I couldn't find pricing or availability on their web site however.

-John K7TY

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Randy Randall

Sent: Tuesday, August 13, 2002 1:13 PM

To: Low Power Amateur Radio Discussion

Subject: Re: Hand-crank power for QRP

The output of the small DC motor used as a generator is only 3V @ 30 MA.

Might be good for QRPP, to power a receiver, or to maybe charge a few nicad batteries. I have one of the flashlights made by Baygen. It uses the generator to charge the internal nicad. You get 1.5 min of light for every full winding of the spring. OK if nothing else is available, but that is all.

Randy KB8AS0

>>> "Bert Herald" <wf7i@hotmail.com> 08/13/02 04:01PM >>>

I have seen a number of these solar and hand-crank powered radios at the mall at places like the Discovery Channel Store and the Nature Company.

I was wondering if anyone has found a way to purchase the hand crank electrical power system used in those radios and incorporate into a QRP

radio? If so who is the supplier for these and what do they cost? And how many amp-hours can you get out of a lot of crankin'?

Please email me directly, wf7i@hotmail.com

Tnx, Bert

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Tue, 13 Aug 2002 17:08:25 -0400
From: "Kenneth Stovel" <k2mpd@worldnet.att.net>
To: <qrp-l@lehigh.edu>
Subject: [132329] FS: TEN-TEC 2 to 6 meter transverter.
Message-ID: <001301c2430d\$90f36020\$0101a8c0@pavilion>

Hello All,

I have a factory assembled 2 meter to 6 meter transverted
for sale for \$100.00 shipped lower 48

"73" Ken K2MPD

Date: Tue, 13 Aug 2002 14:24:29 -0700
From: "Dennis W. Farrell" <dfarrell@ridgecrest.ca.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [132330] Re: LED Lights for QRP field ops
Message-ID: <000a01c2430f\$d55541a0\$69f69acc@mfpc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

While recently providing safety support for a horse endurance ride, I noticed that one of the participant's crew had a headlamp unlike any I've seen. It had (IIRC) 5 white leds across the width of the headband. Provided enough light for within-reach tasks, and also enough for trail-walking. Because of the spacing of the leds, the illumination was diffuse and relatively shadow free. Look like a really great light for ham field work and related activities.

The problem? I can't find them anywhere - been all over the web with no luck. Has anyone seen this model?

Thanks -- dwf (W6DWF)

----- Original Message -----

From: Steve Lawrence <Steve.Lawrence@itwfeg.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, August 13, 2002 13:16
Subject: Re: LED Lights for QRP field ops

===== <snip> =====

Date: Tue, 13 Aug 2002 21:25:02 +0000
From: "Alan Fryer" <N3BJ@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [132331] WTB: Norcal 20 converted to 40M
Message-ID: <OE43WHZqYW8BYXifWoq0000bcdd@hotmail.com>

Looking for an NC20 converted to 40M per the official mod.

Please let me know if you have one that is surplus to your needs.

Alan, N3BJ
Bent Mountain, VA

Date: Tue, 13 Aug 2002 17:31:15 -0400
From: "Rex Harper" <w1rex@megalink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [132332] Walmart LED lites....more info
Message-ID: <001f01c24310\$fa259560\$683ca43f@stickfarmers>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

QRP gangue,

Doug beat me to the LED post but I have a little more info for those who are interested in QRP lighting systems. The actual unit that I bought at Uncle Wally's was actually made by Energizer and has an SKU # 003980004553 with a price of \$8.97. Other camping dealers might stock the unit so walking fingers might do the trick on locating one. This unit is really neat because it has all the bells and whistles in the unit: clean lightweight design, cheap, multiposition hanging/sitting positions etc. I could have glommed up a unit in a Zomboids case with a couple of superbright white leds but they cost 4 bux apiece. I use this unit every night when I put my 3 year old to

sleep. I get her all tucked in at night and I read 2 books or 1 chapter (her choice) via Energizer LED lite just like when she went camping at Lobstercon with her daddy.

72

W1REX Rex Harper "The Tinman"

Date: Tue, 13 Aug 2002 15:00:03 -0700
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [132333] band pass filter and crystal (220 converter)
Message-ID: <GNEOLGDJDOPEALHJMKLCGEPNCIAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hello guys -

Anyone have a schematic for a 220 MHz band pass filter that doesn't use cavities? Toroids, air cores, and even tunable slug configuration I can handle. It is a band pass I want after the mixer, right? To filter out the 78 MHz and the 144 ... so at minimum I need a high pass, and a low pass? Any pointers here would be good.

Also, need a 39 MHz crystal that can be either run @ 78 MHz or doubled there. Rather oscillate it directly @ 78 MHz ;) contact me off list if you have one you'd be willing to part with. I picked 78 MHz because 144 and 78 = 222 ... 76 (38) would work easily as well, wouldn't it?

I'm going to use your basic SBL-1 mixer with a '5109 amp after it. Close enough - I don't really care if it is the most sensitive thing in the world as I am planning mostly FM repeater with it. I probably won't use a preamp if there is one repeater close enough to get away with that. The 2N5109 has an Ft of 1200 MHz so I'm sure I'll use that as a QRP final out of the converter. (thanks DIZ!!) If I do need a preamp, I'll probably use a '5109 there, too.

A bunch of you had pointed me to some kits and transceivers. Thanks a million for the pointers, but I really want to do this one 'down n dirty dead bug.' Nothing fancy - I just want to be able to communicate in 'good enough' style on 222. if I make it work I'll put some pics and notes on one of my web sites.

This is definitely a minimalist project ;)
Tracy N4LGH

PS

222 seems to be a good home brewers hangout ... from what I've read, not much commercial equipment for the band. Look at how the 817 skipped it altogether. We almost lost it, certainly won't hurt to put some activity on there!

Date: Tue, 13 Aug 2002 17:09:50 -0500
From: Karl Kanalz <kkanalz@gcecispc.com>
To: "'ki6ds@dph.dpol.net'" <ki6ds@dph.dpol.net>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132334] RE: NorCal 30 to debut at QRPacificon
Message-ID: <01C242EF.A949D3C0@KKANALZ>

Talk about "teasers" ! You really know how to make a guy(s) salivate don't you, Doug?!!

I'd love to be at QRPacificon, but I just can't..... (dang it!)

Will you promise to let us all know the details immediately following (if not before!) QRPacificon?

Thanks!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Doug Hendricks [SMTP:ki6ds@dph.dpol.net]
Sent: Tuesday, August 13, 2002 2:48 AM
To: Low Power Amateur Radio Discussion
Subject: NorCal 30 to debut at QRPacificon

Guys, the prototype for the NorCal 30 has passed all preliminary tests and is now at the board layout stage. We will introduce it to the world at QRPacificon. Hope to see you there. It is a full featured 30 meter Transceiver with some neat specs. More details later. 72, Doug

Date: Tue, 13 Aug 2002 17:34:57 -0500
From: Karl Kanalz <kkanalz@gcecispc.com>
To: "'tracy@bytemark.com'" <tracy@bytemark.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132335] RE: band pass filter and crystal (220 converter)
Message-ID: <01C242EF.F7466D40@KKANALZ>

Tracy,
Consult your ARRL Handbook (you DO have a copy, don't you?) for information on "Helical Resonators". Using this technique, you can build an easily-tuned bandpass filter for both the front end of your 222 MHz converter as well as a filter for the output of your mixer.

E.F. Johnson, iCOM, and many other manufacturers have used helical resonators for years with great success!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Tracy Markham [SMTP:tracy@bytemark.com]
Sent: Tuesday, August 13, 2002 5:00 PM
To: Low Power Amateur Radio Discussion
Subject: band pass filter and crystal (220 converter)

<< File: ATT00004.txt; charset = Windows-1252 >>

Date: Tue, 13 Aug 2002 18:40:07 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132336] LED Lights for QRP OPs
Message-ID: <3D598AC7.95C3BC9E@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

With all this discussion of LED lights, I took a look at my new catalogue from Campmor that came today.

Don't know if it fits the bill, but they list Item 82550-P Black Diamond Moonlight Headlamp, 4 "unbelievably bright" LEDs splayed out in a front housing; runs on 3 AAA's for over 70 hours of light. \$34.49. They also have the Petzl Tikka Headlamp with 3 LEDs, also runs on 3 AAA's; Item 37770-P for "new low price" of \$28.99. They note it was a Backpacker Mag

Editor's Choice Award winner for 2001, and that's a real achievement since those folks are picky.

Campmor's URL is <http://www.campmor.com>

No association other than a very satisfied customer over many years time. They have some other cool items of qrp interest including the Seal-line of watertight plastic cases for electronic gear--just the thing for Seeb's Rock-mite?? Can still see the 'guts' without suffering from the elements: Item 80978-P. Probably not as pretty as one of Doug's cases, though.

73

Ken KG4FGC

End of QRP-L Digest 2646

